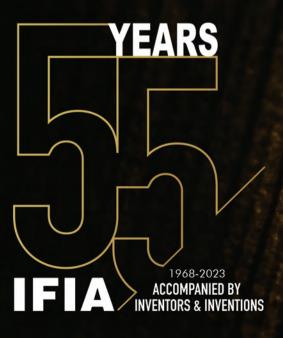
# FIA March 2023 MACH 2023 MACH 2023 Mo. 16





### 2023 SEOUL INTERNATIONAL INVENTION FAIR

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### Congratulations on the 55<sup>th</sup> Anniversary of

Dear IFIA Members, Partners, and Inventors,

First of all, I would like to take this opportunity to wish you a Merry Christmas and a Happy New Year 2023.

In the previous year, we were still dealing with COVID-19, But after many trials and errors, We figured out what to do in these times, and after holding many virtual invention events, our members finally had the chance to hold offline exhibitions.

We will start the new year with the 55th anniversary of IFIA's establishment. For fifty-five years, IFIA has been accompanied by inventions and inventors from all over the world. Congratulations on the 55th anniversary of IFIA.

On behalf of IFIA, I want to thank all of the IFIA members and partners who didn't lose their hope in inventors and innovators during these difficult times. Your support has helped the IFIA become one of the most successful organizations in the world. Today, IFIA is strong and at the top of a global organization.

I also thank my colleagues in the IFIA office, who brought this great opportunity to the IFIA with their efforts.

It is an honor to announce the following IFIA office activities in 2022 to the members.

Two years after the establishment of the INV project, the IFIA office has been able to give the INV title to more than 3000 inventors from all over the world.

Also, after a year of IFIA Standard Innovation projects, my colleagues in the Standard Department have been able to present more than 50 standard invention certificates.

It makes me happy that 21 members joined the IFIA families last year.

I am very proud to say that all IFIA partners announced they tend to sign cooperation with the IFIA over the next four years, such as KEPCO, HKTDC, TIATRA, MIT SOLVE, etc. Also, PALEXPO will continue to support the IFIA office in Geneva.

I wish everyone involved with invention and innovation a joyful life in the coming year and hope 2023 will be filled with happiness, success, prosperity, peace, love, and joy. May all your dreams come true, and may all your wishes be fulfilled. May your life be filled with all the happiness you deserve. I wish you a bright Christmas and a prosperous, happy new year.

Thanks for your continued support and patronage of invention activities.

Sincerely Yours, Alireza Rastegar IFIA President Date: 22 December 2022



### 

## ABIPIR a Partners of the Global Innovation Field(Gift)

IFIA and ABIPIR are partners in the Global Innovation Field (Gift) in Encouraging the Training of Future Inventors, Scientists, and Entrepreneurs.

Scientific/technological project aimed at students with ID intellectual disability developed by students with high abilities/giftedness and teachers from Espírito Santo represents Brazil in the Global Innovation Field GIFT.

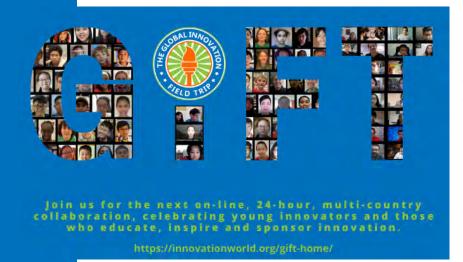
The project developed by the teachers and students of the EEEM "IRMÁ MARIA HORTA" in Vitória - ES - Brazil, having as PROF./TRAIN-ER: Luiz Gustavo Gomes and the Students:

Luisa Lamego Rodrigues - 2V technical; Thiago Xavier Santos -2V coach; Miguel Batista de Sousa Borges - 1V1 technical; Pedro Henrique Tardin Deps - Technical 1V1 was presented at the Global Innovation Field Program - GIFT.

The project "Pedagogical technology: development of educational digital games for students with intellectual disabilities" represented Brazil and was part of a select group of 15 countries and was the subject of much praise and caused extreme admiration for its relevance as a powerful, inclusive, and innovative educational tool.

The project was designed to help the student with ID - intellectual disability in the learning processes from pedagogical practices in a playful way, creating an atmosphere that facilitates the understanding of high school subjects simply and objectively. Using technologies through a variety of digital games such as quizzes, memory games, word searches, crosswords, and math generators, among others, where there are in some of the games with association to images, which will help in the understanding of the questions and direct the teacher to share the contents to be taught.

As a representative of the International Federation of Inventors' Associations in Latin America and founder and President of the Social Organization Brazil International Association of Inven-



tors. Scientists. and Innovative Researchers -ABIPIR, Marce-Vivacqua tries to fulfill the role initiated in 2011 of contributing to learning, technical training in science, entrepreneurship. and innovation among young people, inven-

tors, and entrepreneurs and, in this way, fulfill my purpose of leaving a legacy of value.

During this period in which ABIPIR has organized 13 editions of the International Fair of Applied Science, Inventions, Innovations, and Business - InnovaCities, workshops, and courses aimed at Inventors, Scientists, and Entrepreneurs, we have always had the support and unconditional seal of IFIA, the largest of innovation in the world and represented in more than 70 countries, in the person of its President Alireza Rastegar, responsible for the most successful and innovative management in the history of the institution.

Learn more about this innovative and life-changing Program, brilliantly led by Juli Shively and Jake Mendelson, and a competent team that has already impacted children, youth, and adept scientists and entrepreneurs from more than 50 countries.

### ARCA 2022 The First 20 Years

Organized by the Croatian Community of Innovators, the jubilee 20th international innovation exhibition ARCA 2022 was held from October 13 to 15, 2022, in the National and University Library in Zagreb, Croatia.

More than 200 innovations from a dozen countries were presented at the exhibition, which is the result of the imagination of individual innovators, the research and development community, and innovative start-up companies from Croatia and abroad.

Prof. Dr. Miljenko Simpraga, president of the Croatian Union of Innovators, pointed out in his welcome speech that ARCA is the only such exhibition in the world that has been held continuously for 20 years in person, including the two pandemic years.

At the opening, the gathering was greeted by Prof. Dr. Tomislav Josip Mlinaric, the newly elected vice-chancellor for innovation, technology transfer, and cooperation with the economy of the University of Zagreb (the largest Croatian university), who referred to the role of innovation and new technologies in stimulating the economy. The audience was greeted warmly by the IFIA director Mr. Zoran Barisic, who spoke on behalf of the IFIA president, Dr. Alireza Rastegar. The audience was also greeted by the representative of the City of Zagreb, Ms. Madeleine Wolf, the head of the Innovation Sector of the Ministry of Economy and Sustainable Development, Ms. Diana Krcmar, the state secretary of the Ministry of Agriculture, Mr. Zdravko Tusek, while the 20th international innovation exhibition ARCA 2022 was officially opened by the envoy of the Speaker of the Croatian Parliament, and the Mayor of Mursko Sredisce, Mr. Drazen Srpak.

After the official opening, the Cooperation Agreement was signed between the Croatian Union of Innovators, the "Marko Marulic" Polytechnic in Knin, and the Medjimurje Polytechnic in Cakovec.













On the sidelines of ARCA, there was also a forum held under the title of ,Digital Transformation of Croatia", where the digital transformation of business and possible financing through EU funds were discussed.

ARCA's long-standing partner, the State Institute for Intellectual Property of the Republic of Croatia, traditionally held a lecture on the topic "Protection of Intellectual Property", The Association Nikola Tesla – Genius for the Future held a workshop and panel discussion on the importance of Nikola Tesla in promoting ethical business. Another workshop, titled "Popularization of STEM and Examples of Good Practice", was held by the Rudjer Boskovic Institute, the Faculty of Mechanical Engineering and Shipbuilding, the Faculty of Agriculture, and the Croatian Union of Innovators.

STEM workshops where "xVidi" mini computers and "LegoWeDo" robots were built and programmed, intended for youth.

Among the many activities during the exhibition, the monograph "ARCA - The First 20 Years" was presented, which marked 65 years of organized activities in the promotion of innovation in the Republic of Croatia, in addition to the tradition of holding ARCA. On the last day of the exhibition, the Ministry of Economy and Sustainable Development informed interested parties about the "Upcoming tenders for entrepreneurs and innovators."

At the awarding ceremony, two IFIA Best Invention Medals were awarded to: "Nitrogen Organic Fertilizer From Raw Wool" - by Dragica Jerkov and "PRO-I Smart Virtual Switch" - by Lovro Stipanovic and Josip Oroz The WIPO Special Award was won by the innovation: "Procedure For Making Composite Panels From Natural Materials" by Marservis d.o.o.

The Grand Prix prize for the best innovation of the 20th international innovation exhibition ARCA 2022 was awarded to the following innovation: "GLOG-LO Mobile Self-Service Tap" by the innovator Petar Vlahovic (Association of Innovators Faust Vrancic Sibenik). It is an automatic mobile device for pouring beer, wine, water, and juices that enables service interventions (replenishment, telemetry, etc.) without disturbing the beverage distribution process.



The event was organized by the Association of Polish Inventors and Rationalizers in cooperation with the International Federation of Inventors' Association IFIA.

The exhibition IWIS 2022 was held under the auspices of the Minister of Education and Science. Among the patronage of this year's show were the European Association of Inventors (AEI), the World Invention Intellectual Property Association, WIIPA, and the Polish Federation of Engineering Associations, NOT.

IWIS is Poland's largest international exhibition dedicated to the promotion of invention and innovation. During the 16th edition, solutions were presented from 15 countries, including Canada, China, Croatia, Indonesia, Iran, Iraq, Malaysia, Poland, Romania, Saudi Arabia, Taiwan, Thailand, Ukraine, the United Kingdom, and Vietnam.

Inventors presented almost 300 solutions in various fields of science, which are a review of technical achievements, some of which have found their place in the industry, and partly waiting for implementation.

Association of Polish Inventors and Rationalizers had the opportunity to organize this year's exhibition IWIS which presented innovative solutions from more than 100 scientific entities (research institutes, colleges, and universities, also individual inventors). The International Jury awarded the exhibitors for their inventions following medals: gold, silver, and bronze. The main task of the International Exhibition of Inventions IWIS is to present the achievements of Polish scientists and inventors to national and foreign entrepreneurs and institutions. This creates the opportunity to establish commercial contracts for the implementation of innovations in the industry, which have contributed to the growth of the Polish

economy. Another important aim of IWIS is to promote an innovative attitude and innovation-based perception of the world among young people, which can be the motor for taking on new challenges.

Members of the Jury of IWIS 2022 had the difficult task of selecting the best solution because each of them presented a very high substantive and technological level. All solutions were classified according to 12 different categories ranging from ecology and environmental protection, mechanics, and energy to medical medical solutions.

Finally, the Grand Prix IWIS 2022 went to Neurosphera Epilepsy, Neurology, and Psychiatry Center (Poland) and NEUROTERMINAL (Poland) for the inventions ICTAL – a cybernetic, multi-criteria system for epilepsy diagnosis and therapy recommendation using machine learning and rule-based algorithms and NEUROTERMINAL – a cloud-based scalable system for remote diagnosis and treatment of epilepsy as well as patient consultation and assistance implemented at Neurosphera Center.

The Best Foreign Invention IWIS 2022 went to King Abdulaziz University (Saudi Arabia) for the invention Harvesting Energy from Sand Temperature.

The Best Domestic Invention IWIS 2022 went to Wrocław University of Environmental and Life Sciences, Faculty of Biotechnology and Food Science, Department of Food Chemistry and Biocatalysis (Poland) for the invention The series of 38 inventions concerning new flavonoid glycosides with potential antimicrobial activity.

World Competition of Chemical Inventions is a contest organized by the International Federation of Inventors' Association IFIA and the Association of Polish Inventors and Rationalizers. During this year's exhibition, the 11th edition of the World Competition of Chemical Inventions has taken place.

The main prize of the 11th World Competition of Chemical Inventions went to Oil and Gas Institute – National Research Institute (Poland) for the invention Heat exchanger with a burner designed to burn hydrogen.

In summary, the 16th International Warsaw Invention Show IWIS 2022 (ONLINE edition) was a great success.

The event every year attracts more and more exhibitors and visitors. This year our online event was visited by almost 5000 visitors from 21 countries.

We hope that the exhibition will result in a number of implementations of the presented inventions and innovations. Congratulations to all participants of the exhibition.





### HKTDC as one of honorary advisors of the BIPASIA



The Hong Kong Trade Development Council (HKTDC) chose IFIA President as an Honorary advisor of the business of intellectual property Asia Forum (BIPASIA).

The advisors of this forum are among the most prominent and important people in the field of intellectual property in the world.

### About The Business of IP Asia Forum

The forum brings together IP professionals and business leaders from around the world to discuss the latest development in the IP world and explore business collaboration opportunities.

Among the honorary advisors of HKTDC, important persons such as the Director General of the World intellectual property organization WIPO, the Commissioner of the Korean Intellectual Property Office – KIPO, the Director General of IP Australia, the Director of the Intellectual Property Division of World Trade Organization- WTO, the President of The International Association for the Protection of Intellectual Property (AIPPI).



### Creating New Value, Discovering New Frontiers

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# The Nuremberg Inventors' Fair, iENA lives up to its position as an international meeting place for inventors



The international trade fair for "Ideas – Inventions – New Products" iENA 2022 showcased 530 inventions over four days at the Nuremberg Exhibition Centre. This year, more international guests also came to Nuremberg to present innovations for the world of tomorrow.











### Nuremberg

After a pandemic-related break, the first inventors' fair went extremely well last year. At the fair, exhibiting inventors were already able to hold initial licensing talks. This year, iENA was able to build on this positive relaunch and will continue to expand: 530 inventions from 26 countries were on display at the iENA 2022. This means that the iENA's international spirit is back, and the course is set for the future of the Nuremberg Inventors' Fair.

### 530 inventions from all over the world

The inventions presented at the iENA this year covered every area of life, such as medicine, energy technology, environmental protection, and safety, as well as practical aids for everyday living. The innovations from the young inventors who came to the fair were particularly impressive, for example, Jugend forscht, the Schülerforschungszentrum Südwürttemberg, the Maristengymnasium Fürstenzell, the Apian Gymnasium Ingolstadt and the inventors' club Nussknacker.

As an iENA 2022 partner, the National Research Council of Thailand brought many inventions from Thailand to the iENA. A large number of international attendees and promising inventions also came to the iENA from Korea, Croatia, and Angola, for example.

The iENA expert jury reviewed and evaluated all 530 inventions during the event and highlighted the high quality of the inventions this year. In addition to prototypes and concepts, market-ready products and breakthrough innovations were presented at iENA 2022.

For inventors, the iENA offered the opportunity to network, make contacts and showcase their products. In addition, iENA offers technical information: together with its partners, the German Patent and Trade Mark Office (DPMA) ensured a high quality of information on patent and trademark rights.



### Outlook for the iENA in 2023

The iENA is striving to return to its pre-pandemic level of success, with the aim of further boosting its international attendance numbers. It is also hoped that the number of inventions on display in Nuremberg will exceed the 700 mark once more. The managing directors of fair organizers AFAG, Henning and Thilo Könicke, are delighted with the progress of the Inventors' Fair: "iENA is almost back to its old strength, and this year's Inventors' Fair has once again proven that innovations are of high social importance, particularly in challenging times. The iENA is finally







### SIIF 2022 Was Successfully Held in Seoul, Korea

2022 Seoul International Invention Exhibition, 477 outstanding inventions from 16 countries.

The Korea Invention Promotion Association (Vice Chairman Son Yong-ook) announced that the 2022 Seoul International Invention Exhibition, which was held at COEX in Gangnam-gu, Seoul from the 16th (Wed) to the 19th (Sat), ended successfully.

The Seoul International Invention Exhibition displayed 477 inventions from 16 countries around the world, and due to COVID-19 over the past two years, overseas inventors who participated online participated offline to check the enthusiastic passion of the exhibitors. About 200 booths at the site provided a venue for exhibiting and promoting inventions, as well as an opportunity to win awards by conducting on-site evaluations by judges organized by experts in each field. In particular, 20 teams graduated from the Youth Startup





















the Korea SMEs and Startups Agency, and 16 teams selected from the preliminary start-up package support project of the Korea Startup Agency participated to display innovative products of excellent inventions-based startups.

In addition, the K-Invention Special Hall, which displays outstanding inventions at previous overseas invention exhibitions, the Gwangju IP Enterprise Pavilion, and the Special Pavilion, which displays inventions of the OASIS (Startup Immigration Support Program)

This year, Ilsung Co., Ltd., PCO Nhac Co., Ltd., Chungnam National University Industry-Academic Collaboration Foundation (Innoortho), Discat and RootSensor, and Thailand and Malaysia won the grand prize.

Son Yong-ook, a vice president of the Korea Invention Promotion Association, said, "The 2022 Seoul International Invention Exhibition is meant to bring inventors from overseas for the first time in two years." SIIF is an official exhibition of the Korean government hosted by KIPA. At SIIF, you can see and experience innovative ideas, new technologies, and original patented inventions from all around the world. SIIF will help you to build a rich business network and obtain competitiveness in your field world widely.

As SIIF attracts attention worldwide, It will serve as a great venue for you to fulfill your dream and get insight into the future.

### IWA 2022 Innovation Week in Africa, Event's report

### **Event Organizer**

OFEED Inc. / international organizing committee

Supporting international organization International Federation of Inventors' Associations (IFIA)

Program of the event

The event's online program was available on the event's website (www.iwa2023.com) on November 10th and mainly included

·Virtual Awards ceremony video

·IWA 2022 best participants videos

·Al speakers' educational videos

All videos were accessible at any time of the day, and people could watch all their desired videos without any restrictions for several weeks. This year, the online program was not broadcasted live because it could not be convenient for everyone due to the time shift.

### Hence, by making videos available:

·people were free to choose what they wanted to watch, and

•people could follow the program depending on their availability and at their own pace.

Event's Key Indicators

Participating projects: 612 projects Finalists: 55 projects, 24 countries / regions









### Global Innovation Field Trip (GIFT) Story

In March of 2020, just about the time when Covid 19 was making its big debut in the United States, colleagues more than 640 miles apart reconnected and came up with an idea that would rapidly go global. Juli Shively and Jake Mendelssohn's combined knowledge and skill in youth innovation forewarned them that Spring would typically be celebratory months for young innovators across the United States. However, with the pandemic racing through the U.S., challenges, contests, and just about everything else was getting canceled. Shively and Mendelssohn decided to "invent" a new platform to celebrate young innovators and entrepreneurs called the Global Innovation Field Trip, GIFT for short.

Collaborating with their international connections, the event quickly became

CALLING YOUNG
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JANUARY 14-15, 2023

• Join the 24-hour, live-stream, multi-country celebration of young innovators from around the world
• Share your innovation story with a global audience
• No cost to participate or present
• Learn more: https://innovationworld.org/gift-home/

a global world-learning opportunity for students, where young people and program leaders were invited to present for 10 or 25 minutes, sharing their stories of innovation. Hosted live via zoom, simultaneously live streamed over YouTube. with all presentation videos added to the extensive innovation library on the GIFT website as a tool for educators and innovators around the world. Recently celebrating its 12th event, GIFT has hosted more than 760 presentations, and 1160 presenters from 56 coun-Hosting youth discussions, professional development sessions. student challenges. co-hosts.

mashups, and more, GIFT continues to evolve, inventing new ways to celebrate young innovators all over the world.

Are you curious to know more, learn how to support GIFT, or have an innovation story to share with the world? www.globalinnovationfieldtrip.org

Date Friday 28 April 2023

Time 10 am-12 pm



## invite Mou

Place Palexpo, Hall 3, Room P, 1218 Geneva, Switzerland

# What does Lack Logo symbolize?



In the IFIA logo, we are faced with many signs and metaphors that create meanings in the audience's mind, both hidden and visible. The logo font consists of two parts; The word "i," which is a slightly easy and playful font, and the word fia, which is dry, structured, and more logical. In general, fonts have the meaning and feeling that there is an organization where playful and brave ideas are combined in a logical and scientific structure. Here, no idea is suppressed, but a situation is created for it that can find objectivity in scientific trial and error.

In the logo, we see that a square shape is used. In general, the square symbolizes science, logic, and stability. Therefore, placing the logo in a square shape is a metaphor for the presence of thinking, science, and reasoning in an inventor's mental process. Of course, this organization's emphasis is on the fact that invention is a scientific process. Of course, this is not the end of the story. If we look closer, we can see that only the letter "i" is inside the square. An innovative cut and excellent separation of this word from the word IFIA. This separation is a kind of entry into the personalization of the story. The letter "I" has a metaphor for (me). (I) in the sense that every inventor has a unique and special personality of his own with all the life experiences, concerns, and issues that he is involved with in life and the contemporary world, and it is from them that he thinks and His questions enter. That is why the questions of one inventor are different from another. The placement of the word "i" separately is a metaphor for the fact that the organization of inventors strongly emphasizes the uniqueness of the inventor and has mechanisms and laws that support this inventor.

After explaining the basic structure of the logo, we will discuss another hidden form inside the logo. Rectangular shape! If we continue the sides of the square to the end of the word IFIA, we get a rectangle. In other words, the square becomes a rectangle, and we know that the rectangle moves and expands in proportion to the square. Therefore, we feel a kind of movement, dynamism, and search due to the hidden presence of the rectangle within the geometric structure of the logo. The next issue is color composition. The blue square is a metaphor for dynamism, and the letter "i" is white, which is a metaphor for the freedom of the inventor's thoughts and ideas and the lack of domination by the organization's oppression over the inventor. This position is more evident in the choice of the color of other words of this logo, where the neutral gray color is used, and this means; The organization is next to the inventor and supports him in such a way that the inventor does not get any annoyed feelings from this support. The organization acts like a soul. The spirit that gives life to the mind and thought of the inventor.





## 3<sup>rd</sup> Innovacities Hall Held by ABIPIR-IFIA on November/December 2022 In Brazil



From November 30, December 1 to 2, 2022, ABIPIR held the SALÃO INNOVACITIES – Exhibition of Innovation, Entrepreneurship and Sustainability for Happy, Creative and Smart Cities, at the Rafain Palace Convention Center, in the city of Foz do Iguaçu, Paraná, Brazil.

ABIPIR-IFIA held, for the third consecutive year, the edition of the INNOVACITIES Trinacional Exhibition at the 17th Festival das Cataratas, at the invitation of the organizer of the main tourism event in Brazil this year.



There were more than 7,500 participants at the Festival, and also, we were present with our partners, sponsors, and supporters, including Innovation System of Western Paraná - Iguassu Valley; Sol Pedras Group; ACIFI - Commercial and Business Association of Foz do Iguaçu; Entrepreneur ACIFI Program; ACIFI Sustainability Center; ILZB - Waste Zero Brazil Institute; Parimpacto - Generating a Positive Impact; De Angeli Events; We.Flow - Social Impact and Conscious Regional Leadership; Visit Iguassu Convention & Bureau; and SEBRAE - Brazilian Micro and Small Business Support Service.O Salão INNOVACITIES contemplou programação inovadora ao incluir o 1st Trimpact Day e o 8th Iguassu Conecta, em parceria com Iguassu Valley, premiado o melhor Ecossistema de Inovação Consolidado do Brasil em 2022, Programa Empreender da ACIFI, Fundação Parque Tecnológico Itaipu (FPTI) e Instituto Lixo Zero Brasil).



In a pioneering way, 7 BCorps from 5 Latin American countries shared, in Foz do Iguaçu, their successful cases (pitches) and discussed Companies with Purpose, those that invest their daily efforts to become better for the World. It was the first time that a Latin American panel with companies certified by the B / B Labs System took place in the Trinational Region (Brazil-Paraguay-Argentina). Success, the event provoked reactions of attractiveness about uniting in a strategic and pragmatic way, Profit and Impact in businesses linked to the generation of positive impact, circular economy, regenerative economy, and ESG. Representing Brazil: We.Flow (Paulo Cruz Filho), Parimpacto (Mariangela Lückmann) and Cambará Eco Hotel (Emiliano Brugnera); Paraguay: Ecological Solutions (Carlos Jara); Bolivia: Mamut (Ronald Gonzales); Colombia: Recover your Silla (Maria Angélica); and Venezuela: Brocicla (Fiorella Riveros).

Many reflections took place in the Panel "Zero Waste Cities & Trinational Region," with representatives from Argentina, Paraguay, and Brazil. The high-level organization and mediation of the debate was in charge of Fátima Langbeck, from Instituto Lixo Zero Brasil. There was also a super pitch and debate with "Companies with Sustainable Practices" in the Trinational Region, coordinated by the ACIFI Sustainability Center.

And, for technological startups and those interested in angel investment, it was present at the 8th Iguassu Conecta a Iguassu Angels, the first association of angel investors in Foz do Iguaçu and western Paraná. With a super motivating focus, the President, Taiuska Lima, and co-founders guided those present on how to get the first check for startups with scalability potential.

The Itaipu Technological Park presented, under the coordination of its Institute of Territorial Intelligence, an overview of the projects and actions of this Habitat of Innovation aimed at Sustainability in the year 2022, surprising those present by the diversity of projects, scope, and depth of the approaches established for the territory of Western Paraná, as well as results.

A great success, crowded with entrepreneurs and representatives of institutions from the three countries, Brazil-Paraguay-Argentina, the event was characterized by an International environment of challenges and uninterrupted solutions for the reality of the Trinational Region.

We would like to thank the organization of the Festival das Cataratas, represented here by its creator Paulo Angeli and the General Coordinator Mira Angeli, for the warm welcome to ABIPIR-IFIA in this fundamental event in Foz do Iguaçu, one of the main world tourist destinations.

Hallmarked once again on Brazilian soil, the partnership to boost the territorial development of the tri-national region through Innovation and Entrepreneurship with a Strong base of sustainability, between ABIPIR and partners, with the support of the Board of Directors of IFIA for Latin America. And again, we would like to thank all who accompany us on this local journey with a global vision without borders and hope to be better for the World. Much news awaits us in 2023. We'll see you soon!

By Mariangela Lückmann - Director of IFIA Latin America Office; Director of ABIPIR Education and Events.

## BITGARAM INTERNATIONAL EXPO OF ELECTRIC POWER TECHNOLOGY(BIXPO 2022)



Bitgaram International Expo of Electric Power Technology (BIXPO) was held by Korea Electric Power Corporation (KEPCO) from 2 to 4 November 2022 at Kimdaejung (KDJ) Convention Center, Gwangju, Korea.

18,000 people from 60 countries participated in the event.

The theme of BIXPO 2022 was "carbon neutrality and energy security," which responds to the climate crisis and finds ways to pursue energy security at the same time.

Various events were held at BIXPO 2022, including a new technology exhibition involving 227 companies, 45 conferences, and an international invention fair displaying 119 inventions.

About BIXPO 2022 / Published in The Korea Times by Lee Kyung-min

Over 4,000 energy authorities and business executives from around the world gathered in Gwangju, south of Seoul, on Wednesday to, to share their insights into advancing carbon neutrality initiatives at an annual international conference, according to Korea Electric Power Corp. (KEPCO), the event

organizer.

Officials of 233 local and global energy firms attended the BIXPO 2022 held at Kimdaejung Convention Center, where academic discussions and new energy technologies demonstrations will continue through Friday.

KEPCO seeks to elevate the annual conference to a global must-visit event, as underpinned by compelling storytelling whereby attendees are able to understand and experience the inner workings and growth potential of energy value chain operations.

Energy projects are equally prioritized regardless of commercial viability as green initiatives that can engage the entire process encompassing energy sources procurement, production, and consumption, all in the context of sustainability and safety.

Among in attendance were Korea's Hyundai Electric, LS Cable & System, and Hyosung Heavy Industries — the three energy and power generation affiliates of Hyundai Group, LS Group and Hyosung Group, respectively.

Their global peers included Hitachi, a Japanese multinational conglomerate, Oracle, an American multinational computer tech firm, and 3M, an American multinational conglomerate, as well as 40 energy startups.

The annual conference had 43 sessions, including 35 professional technology conferences, on the topics of production, transport, consumption, policymaking, safety, and security.

Among the sub-sections was the Energy Leaders' Summit (ELS), an international event KEPCO seeks to elevate to the level of the World Economic Forum for the power

energy industry, whereby CEOs of local and foreign energy firms, experts from research institutes and professors can share and advance discussions for the better future of the energy market.

The challenge of maintaining security and economic efficiency will be overcome, as lifted by more efficient power grid plans, investments, innovative technologies, and policy assistance, according to participants.

The KEPCO R&D Master Plan will show details on ways to bolster the energy transition, expansion of new renewables, and establishment of a smart power grid.

Arshad Mansoor, CEO of Electric Power Research Institute (EPRI), a U.S. research organization, gave a speech under the theme of "A Climate Ready Power System — Resilient and Affordable Decarbonization" at the opening ceremony.

The priority of the future energy system should be, he said, making energy cleaner, more affordable, and reliable, as enhanced by the continued commitment towards a gradual transition to low-carbon resources, including biofuels and biogas.

Power system modernization, smart technology-enabled advanced analytics, upgraded infrastructure, and overall control systems will help advance digitization.

Enhanced resilience of the energy system will, in turn, fortify the reliability of power generation, as reinforced by advanced asset design, strategic undergrounding, and closer integration of energy carriers.

The objectives will help Korea achieve net zero by 2050, as buttressed by efficient electrification and efficiency in buildings, in-

dustry, and transportation.

Low-carbon energy carriers are set to decarbonize hard-to-electrify sectors and ultimately limit dependence on imported fossil fuels.

Mansoor expressed appreciation for KEPCO's excellent collaboration with world organizations towards clean transition, as best encapsulated by a proverb in Africa:

"If you want to move fast, go alone. If you want to move far, together," he said during an interview at BIXPO with a group of reporters.

The sentiment highlights the importance of global cooperation to achieve carbon neutrality, a global drive emerging increasingly as a key leadership quality, especially since many developed countries express frustration over the recent anti-coal mandate. The cheaper and easier-to-use energy source was the key driver of rapid growth for most advanced nations, including the U.S., Europe, and Korea.











Korea should, he added, expand the use and technological development of small modular reactors (SMRs), as part of the government initiative to put greater emphasis on nuclear power as an energy source.

"Nuclear energy should be as permanent as solar and wind power," he said. "We cannot take any technology off the table."

The U.S. state of Texas, for example, can produce the highest wind and solar power of 20 gigawatts to 30 gigawatts of power, but there are also days when it can generate none. This is where, he said, the balancing of resources is key, mostly using technologies to convert wind and solar power to hydro energy.

"Coal will be gradually replaced by hydro and battery-mediated power and another eco-friendly tech. But in the meantime, we have to use a balanced way of using energy. The future of the energy market is not fuel-intensive but material-intensive," he said.



IFIA EXCO Members are authorized to establish the IFIA startups department (IFST) for the IFIA member states.

The IFIA's Startups Department is an IFIA initiative that aims to help Inventors to have the possibility to both, create a Startup from his/her invention or connect with one to create sinergy and improve the chances to sell, license, or be a CEO or partner of a Startup and, in this way, make the journey to take his/her invention to the market easier, to be successful, and make profits. No doubt this initiative will be one of most innovative and disruptive of the IFIA's history.

Connecting Inventors to Startups Ecosystem to create successful, innovative and profitable Business!

### IFIA'S STARTUPS DEPARTMENT RESPONSIBILITIES

- · Establish contacts with Startups to invite them to participate in IFIA's challenges
- · Organize all phases of the Open Innovation Challenges launched by Big Tech Companies and Governments BUSINESS MODEL
- · Monetize by signing sponsorship agreements with Big Tech Companies or Governments to organize open innovation challenges.
- · Attract VC Groups and charge them to have the preference to participate in the funding roundtables
- · Attract big Tech Companies to be a sponsor of IFIA's events in which Startups will play an important role.

### Advantages for Inventors

· Possibility to create and strengthen the relationship with Startups and create new business models allowing the introduction of your invention in the market by selling it to Startups or creating partnerships as join-ventures or other commercial agreement types.

### Advantages for Startups

More possibilities to be connected with Inventors, Big Tech Companies, Investors, and Governments from many Countries by participating
 in the IFIA Startups Open Innovation Challenges and in the events it organizes and supports.



## FIA

### STARTUPS DEPARTMENT

### Advantages for Big Tech Companies Partners

· Increase the visibility to connect their image to IFIA;

·Take advantage of the worldwide networking of IFIA to launch tech challenges for Startups with virtual or physical presentations during events that

IFIA supports



IFIA Startups Board of Experts

Dr. Marcelo Vivacoa and Mr. Anand Kannan

### Startups Experience of Department Coordinator

- · Sub-secretary of Innovation of the Government of Espirito Santo State -Brazil, author of the Program of Public Open Innovation StartupES;
- · Mentor of the biggest World Acceleration Startups Program Founder Institute from Silicon Valley
- · Mentor of the biggest Latin America Acceleration Startups Program Innovative

### Who Can Apply?

Startups Experience Department Coordinator

- · Mentor of Acceleration Startups Program Amazon Challenge
- · Creator and CEO of Acceleration Startups Program Startups Brazil Connection
- · Keynote Speaker of the 2 biggest Startups and Innovation events in Latin America in 2022: Rio Innovation Week and Sebrae-ESX
- $\cdot$  Mentor of Idea Connection Open Innovation

### **Contact Information**

Email: Startups@ifia.com and anand@ifialaoindia.org

Mobile: +91 96111 28772

Address: IFIA Startup Office – IBAB, Biotech Park, GN Ramachandran Road, Electronics City Phase 1, Electronic City, Bengaluru, Karnataka 560100, India



## 

## ABIPIR Support the World Festival of Young Innovators in Kenia OF YOU

What's your experience with the THE GLOBAL GOALS? For Sustainable Development

Let's talk on 15th JAN 2022

5PM GMT+3

Register at https://innovationworld.org/gift-home/GlobalGoals

IFIA and ABIPIR invite you to join the Invent Future. Global by participating in the 2023 WORLD FESTIVAL OF YOUNG INNOVATORS set to take place in Nairobi, Kenya.

This is a great initiative that aims to form a new generation of inventors, scientists, and entrepreneurs, and IFIA and ABIPIR following their mission to make the world a better place to live by stimulating in all ways the creativity, inventiveness, and innovation could not be out of it.

A small decision that you make today may be the catalyst that sends you on the road to your goals.

More than ever before, previously unimagined solutions present themselves to eradicate our world's most pressing challenges.

Here you can acquire the knowledge to navigate within the 17 Global Goals. We have learned that today we are more interdependent than ever.

Project-based Learning is the formula that we are using to push our choice of 4 Goals.

We can be proud of our local, national, I and regional identity but also acknowledge that we are part of

mankind, part of the universe.

Kikao is a Swahili word meaning gathering and the knowledge we share is based on a largescale comparative study, combining data and analysis from a representative range of countries around the world. It is based on published resources and interviews conducted among principal stakeholders to create the education of the movement.

Parents, educators, and policymakers growing in their understanding that strong PBL improves student engagement and connects academic content to the broader world beyond school.

As Global Citizens, we understand and cherish the meaning of freedom, knowing that working within society is what seals the collective consciousness of our communities.

Join the Tribe!!

This WORLD FESTIVAL OF YOUNG INNOVA-TORS will be an in-person event at the end of 2023. It is for your kids as well as kids around the world.



Know more by accessing the website: https://www.kikaocultures.com/



**OUR PARTNERS** 

























## Opened In Bangalore on January 2023 FIA services are provided

IFIA services are provided to Indian inventors through the IFIA office in India

The IFIA Office in India opened in Bangalore on January 2023. We promote IFIA's services and products in India.

The services we support include:

- ·IFIA international invention events registration via the IFIA Events
- $\cdot$ IFIA international technology transfer brokerage via the ICCD
- ·IFIA international inventors title via the INV
- ·IFIA startups support via the IFST
- ·IFIA inventions standard via the IIS
- ·IFIA academy training via the IAT

Yenilik Foundation is the official body representing IFIA-ABIPIR in India.

The foundation is created on the core principles & values of IFIA to support and foster innovation, support inventors in building their dreams to POC via CSR support, hold innovation fairs and events, and support grassroots inventions to scale.

Mr.Anand Kanand, is the manager of the IFIA office in India,

### Imagine, Innovate, Inspire.



### Creates the Largest Virtual Worldwide Ecosystem for Startups

The International Federation of Inventors' Associations - IFIA, headquartered in Geneva, Switzerland and represented in more than 70 countries, starts the year 2023 with a disruptive innovation. This innovation consists of the creation of

This innovation consists of the creation of the Department of Startups, a sector of the IFIA that will be responsible for preparing, carrying out, and monitoring actions in different countries of the world and whose main objective is to help Startups to connect with each other and with potential investors and commercial partners in addition to strengthening relationships with Inventors and Academic Researchers.

This Department will benefit academic researchers who find it difficult to transform their research results into market-successful solutions.

With the connection with Startups or through training that will be offered to transform these projects into Startups, the process will be facilitated.

For groups of angel investors and Venture Capitals, approaching this Department will result in great advantages as they will have access to a portfolio of Startups from different countries where they will find the best investment opportunities.

The initiative to create the IFIA Startups De-



partment came from a member of the Executive Committee and Director of IFIA in Latin America, Founder and President of ABIPIR, Professor and Inventor Ph.D. Marcelo Vivacqua, who has extensive experience in managing Startups, in addition to working as a Mentor and Consultant in the sector and connected with the biggest Acceleration Program of Startups in Latin America – Inovativa Brazil – and of the world – Founder Institute – São Paulo, coordinated by Marco di Biasi with methodology from Silicon Valley.

The creation of this Department was only possible through the innovative vision of the members of the IFIA Executive Committee and the full support of the President, Mr. Alireza Rastegar, who's defined this matter as a priority.

The Board of Experts of the IFIA Startups Department is complemented by Anand Kanand, manager of the IFIA office in India, and Mariangela Lückman, Director of events and education at ABIPIR and manager of the Latin American Office at IFIA-ABIPIR.

This initiative will generate benefits for everyone involved: Inventors who do not have business experience will be able to connect with Startups who are specialists in this area and, on the other hand, will benefit from the innovations developed by the inventors, being able to take them to the market with greater possibilities of success.

Startups that connect to the Department will benefit, in addition to connecting with inventors, from the possibility of participating in events promoted by the IFIA in several countries with special conditions and connecting with potential investors and commercial partners in several countries benefiting from the vast network of relationships that the IFIA It has. We invite you, Inventor, manager, and investor of Startups and Academic researchers to learn more about the department and the advantages of participating in it by accessing the website link: https://www.ifia.com/startups-department/

### **43**rd

## Executive Committee Meeting Held on 10 Dec 2022 IFIA 43rd Executive 2022

IFIA 43rd Executive Committee Meeting Held on 10 Dec 2022 with the following agendas:

The meeting was held online to approve five members from the United Arab Emirates, the USA, India, Saudi Arabia, and Tunisia

### Agenda

- 1- Opening of the session.
- 2- Report of IFIA's activities and financial reports. It will be presented at the IFIA General Assembly
- 3- Final review of IFIA President Election for 2022-2026. It will be presented at the IFIA General Assembly 4- Final review of IFIA Exco election for 2022 to 2024.
- The list will be sent to members on March 2023
  5- Preparation for the General Assembly meeting.
- The IFIA General Assembly will be held in Geneva, Switzerland, in April 2023. More information will be sent to the members by March 2023.
- 6- IFIA members propose. It will be presented at the IFIA General Assembly
- 7- Review four new membership requests submitted to the IFIA Secretariat. Find below
- 8- Review a new department, provided by the President of IFIA
- 9- Closing of the session.

### 1- Candidate for the presidency of the IFIA

1- Alireza Rastegar [(The current IFIA president)] (https://www.ifia.com/ifia-president/alireza-rastegar/)

No other candidate has been submitted for the presidency of the IFIA.

### 2- Review the below sic membership submitted to IFIA Secretariat by the following reference.

- 1- R&D, Innovation Expert of Abu Dhabi: United Arab Emirates. (corresponding member)
- 2- The Innovation Center of Saudi Academic: Saudi Arabia (corresponding member)
- 3- Innovation World Alliance: United State (corresponding member)
- 4- Yenilik Foundation from India (corresponding member)
- 5- Tunisian Association for Scientific Research, Innovation and Intellectual Property: Tunisia (Full Member)

### 3- IFIA MEMORANDUMS AND AGREEMENTS

- 1-Korea Electric Power Corporation KEPCO, South Korea
- 2-Taiwan External Trade Development Council TIATRA, Chines Taipei
- 3-Hong Kong Trade Development Council HKTDC, Hong Kong
- 4-Initiative of the Massachusetts Institute of Technology MIT SOLVE, United States

### 4- Establishment of the new IFIA Department and new office

Connecting Inventors to Startups Ecosystem to create successful, innovative, and profitable Businesses!

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No doubt this initiative will be one of the most innovative and disruptive in the IFIA's history.

The creation of this Department was only possible through the innovative vision of the members of the IFIA Executive Committee and the full support of the President Mr. Alireza Rastegar, who's defined this matter as a priority.

The Board of Experts of the IFIA Startups Department is complemented by Anand Kanand, manager of the IFIA office in India, and Mariangela Lückman, Director of events and education at ABIPIR and manager of the Latin American Office at IFIA-ABIPIR. The Voting Members:

- 1. Mrs. Elinora Inga Sigurdardottir / Iceland (Postive vote)
- 2. Dr. Marcelo Vivacqua / Brazil (Postive vote)
- 3. Dr. Andrei Victor Sandu / Romania (Positive vote)
- 4. Mr. Majid Elbouazzaoui / Morocco (Positive vote)
- 5. Mr.Hossein Vaezi Ashtiani / Iran (Postive vote)
- 6. Mr. Lukas Zmeskal / Czech (Postive vote)
- 7. Mr. Winfried Sturm / Germany (Positive vote)
- 8. Ms. Megaria Augstina / Indonesia (Positive vote)
- 9. Mrs. Agnieszka Mikołajska / Poland (Postive vote)

- 10. Dr. Zengpei Xuan / China (Positive vote)
- 11. Mr. Koray Sahin/ Turkey (Positive vote)
- 12. Mr. Zaran Barisic/ Croatia (Positive vote)
- 13. Mr.Shin Kyoung-hi / South Korea (Positive vote)
- 14. Prof. Dr. Unchalee Sanguanpong / Thailand (Positive vote)
- 15. Dr.Adnan Al Naimi / Qatar (Positive vote)
- 16. Mrs. Traiza Jasim Ridha / Iraq (Positive vote)
- 17. Dr. Yevhen Kudriavets / Ukraine (Positive vote)
- 18. Mr. Kenneth Hawksworth / South Africa (Positive vote)

### Committee Members Without a Vote:

- 1. Prof. N. M. S. Sirimuthu / Sri Lanka
- 2. Mr. Fernando Lopes / Portugal
- 3. Dr. Mahmoud Hafez / Egypt
- 4. Dr. Aynampudi Subbarao / India
- 5. Mr. Radwan Chouaib/ Lebanon
- 6. Mr. John J. Calvert / USA
- 7. Mr. Dmitry Zezylin / Russia

### The Final Result of the Meeting

1- Candidate for the presidency of the IFIA

ALIREZA RASTEGAR's candidacy was approved by the IFIA Exco members for the GA election 2023

- 2- Committee Members for 2022-2024
- 35 candidacies approved by the IFIA Exco members for the GA election 2022 and the final approval by the secretariat will be done in March 2023 and the list of candidates will be sent to the members
- 3- New IFIA memberships
- 1- R&D, Innovation Expert of Abu Dhabi: United Arab Emirates.
- 2- The Innovation Center of Saudi Academic: Saudi Arabia
- 3- Innovation World Alliance: United States
- 4- Yenilik Foundation, India
- 5- Tunisian Association for Scientific Research, Innovation, and Intellectual Property: Tunisia
- 4- Establishment of the IFIA's Startups Department

The members of the executive committee approved setting up the startups department

5- Place of the General Assembly meeting 2022

IFIA Exco selected Switzerland, and Geneva for the IFIA GA meeting place in April 2023

IFIA invites all of the members to celebrate World Creativity and Innovation Day on 15-21 April 2023 to appreciate the role that intellectual property rights play in stimulating innovation and creativity

### What is creativity?

You may think you have a pretty darn good understanding of what creativity is- you see it, you hear about it, and maybe you even practice it. But what exactly makes something creative? And how can one get better at creativity?

Creativity is a mindset, a skill set, and a toolset. It's a framework for approaching problems. It involves brainstorming a lot of ideas, seeking novelty, deferring judgment, and building off the ideas of others.

When it comes down to it, creativity is about going beyond just your first right answer and discovering the second, third, or 124th.

### Why is it important?

Practicing creativity will bring creative confidence, and with creative confidence will come your ability to look at problems as opportunities. You will find new solutions to personal opportunities and change your life. You will find creative solutions to community opportunities and change your world. You will discover new connections to improve the world for all of us.

### What is WCIW?

World Creativity and Innovation Week is a worldwide community dedicated to celebrating all forms of creativity.

Creativity is what makes the world go'round. And don't just take our word for it – look around you: Everything around you is a product of creative minds thinking differently, challenging the norm, taking risks, and learning from trial and error. Everything you do can be a creative act.

Observed six days after Leonardo da Vinci's birth-



### What is WCID?

day and one day before International Mother Earth Day, World Creativity & Innovation Day (#WCID) is well-positioned to encourage creative multidisciplinary thinking to help us achieve the sustainable future we want.

Celebrates World Creativity & Innovation Week 2023



### IEIA Rharr

IFIA Bharat Signs MOU with Indo Nippon Business Council & Academia Collaboration (INBCC) to Boost Start-Ups, Funding, Invention and Innovation

Bangalore, India – IFIA Bharat, represented by Yenilik Foundation, a leading non-profit organization promoting entrepreneurship and innovation in India, today announced a Memorandum of Understanding (MOU) with the Indo Nippon Business Council & Academia Collaboration (INBCC) for a strategic collaboration which will endeavor to support startups and other businesses with funding, invention, and innovation in India.

The MOU aims to create a robust platform for startups, entrepreneurs, and innovators to connect with Japanese companies and investors, access funding and mentorship opportunities, and showcase their innovations to a wider audience.

The partnership will also focus on promoting collaboration between Indian and Japanese startups and innovators in areas such as technology transfer, joint research and development, and market entry strategies. "We are proud to partner with INBCC to boost innovation and entrepreneurship in India," said IFIA Bharat's Director, Mr. Anand Kannan. "Our goal is to provide a seamless platform for Indian startups and innovators to access global markets, funding, and mentorship, and bring their innovative ideas to life. This partnership with INBCC is a significant step in that direction."

INBCC's Founder Director, Mr. Krishna Gowda, said, "We are thrilled to collaborate with IFIA Bharat to support startups, funding, invention, and innovation in India.



Japan has a rich history of innovation and entrepreneurship, and this partnership will help us to share our expertise and resources with the Indian startup ecosystem. We believe that this partnership will help bridge the gap between the Indian and Japanese innovation ecosystems and promote mutually beneficial collaboration."

IFIA Bharat and INBCC will jointly organize events, workshops, and mentorship programs to help startups and innovators grow their businesses and bring their innovations to market. The partnership will also focus on promoting collaboration between Indian and Japanese startups and innovators in areas such as technology transfer, joint research and development, and market entry.

About IFIA Bharat

IFIA Bharat is a leading non-profit organization dedicated to promoting entrepreneurship and innovation in India. The organization works to provide a platform for startups and innovators to access funding, mentorship, and networking opportunities and bring their innovative ideas to life.

About INBCC

The Indo Nippon Business Council & Academia Collaboration (INBCC) is a non-profit organization that aims to promote economic cooperation and trade between India and Japan. INBCC works to provide a platform for Indian and Japanese companies to connect, collaborate, and grow their businesses.

For further information, please contact:

Name: Mr. Anand Kannan Designation: Director Organization: IFIA Bharat Email:anand@ifialaoindia.org

### **FPME Activities in 2022**

Under the auspices of the IFIA FPME Director (IFIA Middle East Focal Point), Mr. Radwan Chouaib, the Third International Scouts Scientific Posters Conference for Iraqi Talents (SIT 2022) was held in the presence of the president Iraqi Association of inventors & Innovators, Mrs. Tariza Gassem Ridha. Chouaib opened the conference with a presentation on innovation and the role of IFIA FPME in supporting and facilitating the commercialization of projects to be market ready. He encouraged the conference organizer, Iraqi Professor Tariq Talib Issa Al-Omran, to continue with his support of innovative students. He also thanked the students for their efforts and perseverance. It is worth mentioning that the conference

ran between July 3 and 5, 2022, in Istanbul and was accompanied by an exhibition of scientific projects in which many Iraqi school students presented their inventions in the form of posters. At the end of the conference, medals and certificates were delivered to the participants in the exhibition.

In addition, Mr. Chouaib participated as a founding member of the Arab Council for Innovation, and he participated in a panel where he talked about IFIA FPME activities in Lebanon and the Middle East.

Furthermore, NASR will coordinate the management and operation of Knowledge Stations provided by Talal Abu-Ghazaleh International incoordination with the Syndicate of Education Technology in Lebanon. Those stations aim to develop the digital and technical knowledge skills of the students and professors of the Lebanese University, and they also aim in an advanced way to eradicate digital illiteracy among the neediest youth. The board of NASR Lebanon and IFIA FPME held a meeting with Talal Abu Ghazaleh, the leading organization of intellectual property worldwide, and the two parties discussed further cooperation opportunities between IFIA & TAG.



### NASR's Delegations Won 11 Medals in International Invention Events 2022

11 medals for NASRs delegations in five international exhibitions during 2022 and organization of SIT 2022.

As part of the NASRs strategy, which is based on encouraging inventors to highlight their capabilities and commercialize their innovations, NASR supports the participation of inventors and innovators in international exhibitions, whether by registering the necessary patent or by sponsoring participation in international exhibitions. In this context, NASR sponsored the participation of many inventors in five international exhibitions, in their presence and remotely, and they won 11 medals, 8 golds, and 3 silvers, in addition to many awards.

At the Malaysian International Technology Exhibition (MTE 2022), which ran from March 26 to April 1, 2022, the students of the New Third Intermediate School, Maya Bdeir, Khimkan Omar, Ali Shehab, and Lana Al-Fata, under the supervision of Professor Ahmed Al-Masry, won a gold medal with virtual participation through the invention of UV Warrior, which competed with dozens of

Inventions from around the world.

In the European Exhibition of Inventions (EuroInvent 2022), which ran between May 26 to 27, 2022, the NASRs delegation won two gold medals, and this participation was online with two inventions out of 400 inventions from 20 different countries. The first gold medal was also won by the invention of the UV Warrior. While the second gold medal was won by Insect Monitor innovation for students Ahmed Harb, Hussein Marwa, Yasmina Hayek, Batoul Zaher, and trainer Hussein Harb under the supervision of Professor Hani Alloush.

In International Inventions and innovation competition in Canada ICAN 2022, which took place on August 27 remotely, with the participation of 700 inventions from 81 countries, Lebanon won three gold medals. The first medal was also won by the "INSECT MONITOR" project, in addition to the Canadian International Society Award for Innovation and Skills Development. The second medal was won by the project "Pro-

tecting Trout Eggs" by the two students Aseel Muhanna and Aya Al-Khalil, under the supervision of Ms. Zainab Kwik from Al-Batoul High School, in addition to the Macau Society Award for Innovation and Invention. In addition to the gold medal, the "BRAKT" project by the innovator Muhammad Baqer Obaid won the Indonesian Association for Invention and Innovation Development award.

In the 72nd International Industrial Exhibition of Inventions and Innovations "iENA 2022", which took place in Nuremberg, Germany, between November 27 and 30, 2022, and in which nearly 600 innovations and inventions from dozens of industrialized countries participated, Lebanon won a gold and a silver medal. The innovation that won the gold medal in the youth category was "Cancer Lives Among Us," by students Fatima Zogheib, Bushra Youssef, and Rehana Sinan, under the supervision of Ms. Nada Hammadi and Mr. Hussein Hajj Hassan. It also received a Certificate of Excellence from the Turkish Patent and Invention Office Turk Patent. The innovation that won the silver medal in the startups' category is Smart Contract Witness by the innovator Ali Audi and Senal Company. It also won the exhibition medal of the Portuguese Inventors Association.

In the Indonesia International Invention Fair 2022 (IID

2022), which took place between November 28 and 31, two innovations participated remotely, and we were able to win a gold medal and two silver medals out of 277 scientific projects submitted by more than two thousand inventors from 22 different countries. The gold medal winning project is a medicine from natural Lebanese pomegranate peels for innovators Dr. Hadeel Kassem, Dr. Raoua Abdel Jaber, Dr. AA Al-Rikabi, Dr. M Nasser, Dr. Anis Daou, Dr. Akram Hegazy, M. Saleh from the Doctoral Higher Institute of Technology at the Lebanese University. The first silver medal was won by the cobot project for students Jad Jabr, Omar Akkawi, Asaad Al-Rajab, and Adam Al-Farkh, under the supervision of Mr. Ahmed Al-Masry from Jamil Al-Rawas Official Secondary School for Boys. The second silver medal was won by the innovation of The Fras System for students Adam Mansour, Ahmed Bakdash, and Saeed Al-Garhi, under the supervision of Professor Ahmed Al-Masry from Tariq Al-Jadida Third Intermediate School.



### 55 YEARS

### STRONG IFIA FAMILY WITH INVOLVED YOUNG INVENTORS FOR OUR UNIQUE PLANET

Looking back on the past decade, it is unfortunate to note that numerous catastrophes have hit our planet hard. Unrest, wars, drastic climate impacts, and natural disasters repeatedly dominate the headlines in the media. Most recently, the devastating earthquake in the Turkish-Syrian border region has just hit the poorest. Countless dead, injured, and homeless have been mourned, with it being precisely the poorest and those forgotten by the world who have been affected.



The special importance of a tight-knit IFIA family is shown in the deep sympathy for the victims and those affected by this devastating earthquake, combined with the call for support from the many IFIA members around the world.

Especially now, there should be a recollection of our rushed, globally interconnected life to remember again our unique but very stressed nature. Every nation needs to recall creative visionaries to lay the foundations for a peaceful and prosperous future. It is and remains undisputed that young people, in particular, are among the visionaries.

That's why every national invention association should realize the importance of inborn creativity and center on its continuous enhancement while having "The effect of creativity on youth" in mind. The aim is to stimulate innovation among children and adolescents, sharpen their communication skills and raise awareness for the development of innovative ideas. It is of high importance to equip the world with highly trained scientists and engineers, detect the required innovative ideas and impulses, and amplify and feed them into the creative minds of young thinkers and inventors.



Creativity is an inborn talent rooted in the cradle expecting to be recognized relying on human closeness, security, love, affection, understanding and appreciation. In the adolescent development, self-consciousness should be promoted, mistake making permitted, and thinking outside the box encouraged. Inexperience is a creative source that needs to be used as a child-limitless potential.

On this background all national invention associations have to identify the importance of giant potential of youth. Without these huge sources of creativity, the motivation for innovative ideas of young generation will be destroyed. We, the grown-up inventors, are responsible to campaign for the young kids, attracting them with special assistance, and supporting them as our prospective inventors. As the number of national invention associations focusing on the integration of youth rises, IFIA increasingly turns into a home for young inventors. Therefore, we have to care for appropriate support in all areas of IFIA and international invention fairs



In my function as an engaged IF-IA-Youth-Network-Manager I learn a lot of working with young inventors worldwide. So my long experience assured me that grown up and young inventors are able to widely benefit from each other's strong points. Kids, scholar, collegian have their own specific way of thinking driven by fantasy, curiosity and imagination which leads to unusual ideas, active imagination, independency and social competency. In turn, adult inventors could offer assistance, hand out advice, instructions and code of practice to guide the youth on their way to becoming a successful creator of innovative ideas.



The devastating Turkish-Syrian earthquake of 6th February 2023, spontaneously reminded me of the numerous innovative developments together with young people, with whom a seismograph was also realized that also recorded this destructive quake.

The idea for the construction of a highly sensitive seismograph was given on the occasion of the severe earthquake in Turkey in 1999 by a student of my inventor team because his grandfather died under the ruins. Said and done! It took 5 years from the idea to the realization of all mechanical, electronic and technical components.

### For those interested some special remarks about the registered earthquake:

With the self-constructed seismograph, we could register already a lot earthquakes world-wide. Last also the heavy earthquakes at 6th February 2023 in the boundary region of



Turkey and Syria. After 11 minutes, a second earth-quake occurred in the region. Both were very heavy and linked with a lot of damage energy. After 6 minutes, the earthquake waves shake our seismograph in the specially constructed cellar room in Germany, nearly 2500 km far away from the epicenter in many nations (i.e. Turkey, Taiwan, Morocco, Portugal, South Korea, Russia, ...). I presented the function of our constructed seismograph in schools and universities during the participation in international invention fairs. So I could feel the interest in this special invention realized together with youth.



A variety of physical principles are applied. These are based on the fundamentals of mechanics, electronics and technology. Electromagnetic induction and very slowly oscillating pendulum systems are particularly noteworthy.

Also a multitude of challenges had to be overcome, which could often only be realized through unusual procedures and craftsmanship. For example the highly sensitive electromagnetic measuring system, an induction coil of over 60000 copper wire windings had to be wound with a self-developed winding system using a hand drill fixed in a metal aluminium frame.

A major difficulty was the attachment of the induction coil to the low-friction horizontal pendulum system. Also attaching the extremely strong neodymium magnets on both sides of the induction coil to the seismograph frame was also a great challenge. But we managed it!

This article aims to focus on the urgent need to help save our planet. We are obliged to do everything we can to achieve this. Above all, we must take care of nature with new innovative inventions. Every nation needs the minds of all inventors, especially young ones, to realize a hopeful future.

The current earthquakes in Turkey and Syria show once again our helplessness in the face of the powerful forces of nature.

Instead of falling into resignation and despondency, we should let ourselves be guided by the inexhaustible creativity to realize visions and innovative inventions to help our planet.

Of particular importance here would be so-called green inventions. These include, above all, developments to save energy, reduce air pollution and reduce fossil fuels. Given the Turkish-Syrian earthquake, research should also be conducted on even earthquake-resistant more construction methods for optimal precaution. Important are also further developments for aftercare immediately during or after an earthquake, whereby sensor-based gas, electricity, and water shutdowns are possible, as was realized by a Romanian inventor with the system "iSentinel." It is to be hoped that young inventors will continue to positively influence the future of our planet with innovative ideas. Important will be the continuous close involvement of young inventors in the IFIA family, which is already being implemented since IFIA President Alireza Rastegard took over the leadership of the International Federation Inventors' Associations.

In my function as an international STEM-Ambassador (Science, Technology, Engineering, Mathematics) I use the worldwide participation in international inventor exhibitions, supported by foreign embassies, to establish cooperation with schools and universities.





In doing so, it is important to look for all possibilities for such paths, while also focusing on alternatives, such as building bridges between nations and in this way also initiating possibilities for better international understanding, and in doing so, focusing on the importance of a "diplomacy of short distances".

The focus is on getting in touch with young people, talking to each other, discussing and building bridges to overcome possible national, cultural and religious differences. Understanding, tolerance and empathy are intended to strengthen the foundation for lived humanity and peaceful coexistence.

And these are exactly the goals of the IFIA family standing firmly together. You and all IFIA inventor nations will do everything to do the best for our unique planet to realize a peaceful and prosperous future. I am very hopeful that together we can achieve these goals.



### Bharat Presented a Seminar for the Indian Students

IFIA Bharat presented a seminar on innovation, design thinking, and entrepreneurship to the students at Raghu Engineering College and Raghu Institute of Technology, Vishakhapatnam on the 3rd and 4th of February, 2023.

IFIA Bharat is a not-for-profit organization committed to promoting innovation and entrepreneurship in India. The organization has been actively involved in fostering innovation and entrepreneurship through various events and programs.

The seminar was designed to provide the students with an opportunity to learn about the latest trends in innovation and entrepreneurship. The students will have the chance to interact with industry experts, entrepreneurs, and innovation leaders who will share their experiences and insights.

The seminar covered topics such as design thinking, entrepreneurship, innovation, and creativity. The event provided the students with a holistic understanding of the concepts and techniques required to succeed in the innovation and entrepreneurship domain.

The seminar was held for two days, with a series of interactive sessions, workshops, and keynote speeches. The event was open to all students who were interested in innovation and entrepreneurship. A total of 300 students participated in the two-day session.

IFIA Bharat believes that innovation and entrepreneurship are critical to the economic growth and development of India. The organization is committed to creating an ecosystem that fosters innovation and entrepreneurship, and this seminar is a step in that direction.

Post the event lot of students shared their innovative ideas with Mr. Anand Kannan, IFIA Bharat Director, Dr. Satish Bhavankar, IFIA Bharat Board advisor, and INV. Pavan Gupta who is from Vishakhapatnam and is the third recipient in India to get the "INV" title.

The event was a huge success, and IFIA Bharat is looking forward to welcoming the students at Raghu Engineering College and Raghu Institute of Technology, Vishakhapatnam to be part of the IFIA Community.



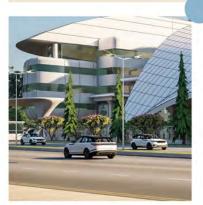


### BHARAT Presented a Seminar in Mangalore, India

On 11th February 2023, A seminar on grants, innovation, and the successful usage of grants was recently held in Mangalore, India, hosted by the Kanara Chamber of Commerce in association with the International Federation of Inventors' Association (IFIA), Bharat office. The seminar brought together entrepreneurs, business owners, and other stakeholders who learned from renowned speakers on various topics related to grants and innovation.

The speakers provided valuable insights and practical advice on how to successfully apply for and use grants to drive innovation and growth. They covered topics such as the latest trends in grant funding, how to develop a strong grant application, and best practices for utilizing grants to achieve business goals. Attendees were impressed with the seminar and provided positive feedback. The Kanara Chamber of Commerce and IFIA Bharat office expressed their gratitude to the speakers, attendees, and everyone who made the event a success. They are committed to providing ongoing support and resources to the business community and are already planning their next event.









The Param Science Experience is coming up with a state-of-the-art science experience centre dedicated to promoting scientific literacy and encouraging curiosity in children and adults alike.









Get to know more about us on https://paraminnovation.org/



COMING 20 SOON THIS 24

### MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN THE PARAM SCIENCE EXPERIENCE& INTERNATIONAL FEDERATION OF INVENTORS' ASSOCIATIONS

Purpose: The purpose of this MOU is to establish a framework for cooperation and collaboration between The Param Science Experience and IFIA in promoting innovation and entrepreneurship.



Areas of Cooperation: The parties agree to cooperate in the following areas:

- (a) Organizing joint events, seminars, and workshops to promote innovation and entrepreneurship;
- (b) Sharing information and knowledge on innovation, technology, and entrepreneurship;
- (c) Providing mentorship and guidance to inventors and entrepreneurs;
- (d) Collaborating on research and development projects;
- (e) Promoting each other>s activities and initiatives through social media and other channels;
- (f) Supporting the development of innovative products and technologies.

# Successful Outcome for the IPITEX in Thailand Inventors' Day 2023

2023 Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition (IPITEx) in "Thailand Inventors' Day 2023" 2nd February is announced to be the Inventors' Day in Thailand in order to commemorate the achievement of His Majesty the King Bhumibol Adulyadej, the Father of Thai Invention. Thailand Inventors' Day, one of the largest invention and innovation events in Thailand, is annually held from February 2 to 6 and hosted by the National Research Council of Thailand (NRCT), Ministry of Higher Education, Science, Research and Innovation.

Over the past 60 years, the National Research Council of Thailand (NRCT) has played an important role in driving research for the development of the country pursuant to the National Strategy. It is now op-



erating under the supervision of the Ministry of Higher Education, Science, Research and Innovation, which was established and announced in the Government Gazette in May 2019. NRCT is the major organization sponsoring funds for research and innovation of the country in the fields of science, technology, social sciences, and humanities, from



















the stage of conducting research to the stage of application. NRCT is cooperated with allied agencies since 1995 up to the present. It is an excellent opportunity for all Thai and international researchers, inventors, iinnovators, and also visitors to discuss and share ideas and experiences in the global structure during the five-day event.

There are many activities during the event, such as the Exhibition of the National Research Award, the Exhibition and competition of national inventions from secondary schools, vocational education, Universities, the public and private sectors, a Conference and workshop on invention development and Bangkok International Intellectual Property, Invention, Innovation and Technology Exposition (IPITEx). The 24th Thailand Inventors' Day under the concept of "Driving Thai economy and society through inventions and innovations" was completed successfully with more than 20,000 visitors, 1,000 inventions and innovations from both local Thai inventors and 470 inventions from international partners from 29 organizations and 24 countries including Botswana, Canada, China, Croatia, Egypt, Hong Kong, India, Indonesia, Iran, Japan, Laos, Malaysia, Philippines, Poland, Romania, Russia, Saudi Arabia, Singapore, South Korea, Sudan, Taiwan, United Arab Emirates, United Kingdom, and Vietnam.



IFIA Innovation Standard Program was held in Switzerland in 2023 with the presence of innovators, entrepreneurs, and inventors

IFIA started the new main project in 2022 named the IFIA Innovation Standard program (IIS) to assure investors, third-party companies, manufacturers, and startups that they can invest in potential marketable innovations. Moreover, the innovators will have credit more valuable than a patent for their creation. Thus, the people interested in the network of the invention, innovation, and venture capital will acknowledge the innovators easily. All and all, the federation set out the "IFIA Innovation Standard" system so that many different inventors, innovators, companies, and startups can use it to get help promoting their creations to the global market.

Accordingly, at this event, practical summits and business meetings were held regarding the IFIA Innovation Standard program, including the IIS workshop, blockchain, and different startup opportunities.

At first, the special conference regarding IIS was held at the Office of IFIA with the presence of the project manager, Mr. Masoud Tajbakhsh, IFIA secretary, Ms. Gaelle Grosjean, and the head of the Geneva Inventions Exhibition, Ms. Karolin Simonet. Also, a group of









innovators, entrepreneurs, and startup CEOs were present and shared their experiences at the IFIA office in Palexpo.

In this meeting, innovators and startup owners presented their pitch decks with detailed presentations of their business plans and business models.

The purpose of holding such a conference is for the innovators to engage more with the startup space and innovative people so that IFIA can progress further toward the goals and missions of IIS. Moreover, this group attended the United Nations meeting in Geneva at the United Nations Office, housed at the historic Palais des Nations.

The next part of this program provided the participants with private meetings with Belgian investors of different firms, such as ONEtoONE, Sensifai, and Innovouric, in which the innovators presented their business plans to the investors. These businessmen also discussed their international experiences and how to receive funds in Europe. Examining the opportunities of artificial intelligence and the Internet of Things were the main topics of these meetings. Last but not least, IIS thanks Dr. Bahari, IFIA'S Representative in Belgium, for planning this gathering for the inventors and innovators.

The next meeting of the IFIA Innovation Standard Program was held in Crypto Valley, Zug, Switzerland. At this event, held at the CVVC complex, the participants acknowledged the opportunities in blockchain and fintech. Moreover, this event was held with Mr. Nikolay, one of the senior managers of CVVC Complex, and the economic advisor of the Canton of Zug, Mr. Alberto Diaz.

In the end, the team of innovators had the chance to visit some unicorn startup companies and attend a specialized meeting with the CEO of the FICAS group, Mr. Ali Mizani, regarding the role of blockchain and cryptocurrencies in the field of innovation and the future of research in Zug.

Lastly, the IIS Project Manager, Mr. Masoud Tajbakhsh, believes that providing such specialized programs and meetings for future innovators and inventors of IFIA can create new perspectives in the world and ecosystem of innovation.



# Official announcement for the 37<sup>th</sup> official session of the IFIA General Assembly

IFIA
37th
General Assembly

dear ladies & gentlemen

ALL IFIA MEMBERS ARE CORDIALLY INVITED TO ATTEND IN
THE IFIA GA MEETING 2025

APR 28,2025 | IOAM-12PM
GENEVA, SWITZERLAND
THE PALEXPO HALL 3 ROOM P

According to IFIA's statutes, we invite all IFIA members to participate in the 37th general assembly meeting.

Non-attendance of IFIA members can lead to the suspension of their membership, as well as IFIA exco candidates or their representatives, who do not attend the meeting will be removed from the election list.

### Agenda

- 1. Official opening of the session.(5min)
- 2. IFIA Activity Report till 2023. (7min) Alireza Rastegar
- 3. IFIA Financial Report till 2023. (7min) Hossein Vaezi Ashtiani
- 4. IFIA GA election for new IFIA Honorary president and four years terms new IFIA President and new IFIA executive committee members for 2023-2024. (20min)
- 5. IFIA Women Network Report. (7min) Mrs.Elinora Elinora from Iceland
- 6. IFIA Youth Network Report. (7min) Mr.Winfird Sturm from Germany
- 7. IFIA Africa Network Report. (7min) Mr.Michael Esuong from Niger
- 8. IFIA Latin American Office and IFIA Startups Department Report. (7min) Dr.Marcelo Vivacqua from Brazil
- 9. IFIA Middle East Office Report. (7min) Dr.Radwan Chouaib from Lebanon
- 10. IFIA India Office Report. (7min) Mr.Anand Kannan from India
- 11. IFIA Innovation Standard Report. (7min) Dr. Masoud Tajbakhsh
- 12. Review IFIA membership requests and IFIA statutes amendment. (7min)
- 13. IFIA members propose. (15min)
- 14. Signing of MOU with partners (10min)
- 15. Closing of the session

### Candidate for the presidency of the IFIA

1- Alireza Rastegar [(The current IFIA president)]





### Candidates: IFIA Committee Members for 2023-2024

- Australia / Mr. Mehdi Korki
- Bosnia / Mr. Avdo Halilović
- Brazil / Dr. Marcelo Vivacqua
- Canada / Mr. Babak Khodaparast
- China / Mr. Zengpei Xuan
- Croatia / Mr. Zoran Barisic
- Czech / Mr. Lukas ZMESKAL
- 8. Egypt / Dr. Mahmoud Hafez
- 9. Germany / Mr. Winfried Sturm
- 10. Iceland / Ms. Mrs. Elinora Inga Sigurdardottir
- Indonesia / Ms. Megaria Augstina 11.
- 12. Iran / Mr. Hossein Vaezi Ashtiani
- 13. Iraq / Mrs.Traiza Jasim Ridha
- Italy / Mr. Vincenzo Falcucci 14.
- Kuwait / Dr. Mohemad Al Safar 15.
- Latvia / Mr. Elmars Baltins 16.
- 17. Lebanon / Mr. Radwan Chouaib
- 18. Libya / Mr. Jalal Saied Mohammed Alnakasah
- Macedonia / Mr. Mirko Uzelac 19.
- 20.
- Malaysia / Prof. Augustine S H Ong Morocco / Mr. Majid Elbouazzaoui 21.
- 22. Nigeria / Mr. Michael Esuong
- 23. Palestine / Prof. Kareem Tahboub
- 24. Poland / Mrs. Agnieszka Mikołajska
- 25. Portugal / Mr. Fernando Lopez
- Qatar / Dr. Adnan Al Naimi
- 27. Romania / Dr. Andrei Victor Sandu
- Serbia / Mr. Zeljko Zdravkovic 28.
- South Africa / Mr. Kenneth Hawksworth South Korea / Mr. Hyowon Jeon 29.
- 30.
- 31. Spain / Mr. Manuel Matellán
- Sri Lanka / Prof. N. M. S. Sirimuthu 32.
- Sweden / Mr. Carlos Rodriguez 33.
- Switzerland / Miss. Caroline Simonet 34.
- 35. Syria / Dr. Mohammad Wardeh
- 36. Thailand / Ms. Assoc. Prof. Dr. Unchalee Sanguanpong
- Turkey / Mr. Koray Sahin 37.
- Ukraine / Mr. Yevhen Kudriavets 38.
- USA / Mr. Carmine Denisco
- 40. Vietnam / Dr. Nguyen Hoang Giang





The 13th IIFME –International Invention Fair of the Middle East – was organized from the 12th to 15th of February 2023 by Kuwait Science Club under the Patronage of His Highness, the Emir of Kuwait, Sheikh Sabah Al-Ahmad Al-Jaber Al-Sabah, and in collaboration the International Federation of Inventors' Associations (IFIA), World Intellectual Property Organization (WIPO), UNESCO, and the International Exhibition of Inventions of Geneva.

This unique convention in the Middle East was received with great importance locally, regionally, and internationally. It highlighted the inventions, innovations, and creativity of youths and Universities. The convention also promoted Kuwait's modernity and its role in encouraging and supporting the inventors and participants in this public service.

In this event, IFIA President, Alireza Rastegar, attended the opening and closing ceremonies, where the minister represented the Amir in the opening and closing ceremony. It is also worth mentioning that several countries, ministers, establishments, authorities, and companies were also present at the event.

The 13th IIFME brought 34 countries together, including the United Kingdom, USA, Switzerland, Sweden, Spain, Thailand, Egypt, Qatar, Iran, Iraq, Kuwait, etc. In this event, 192 inventions were showcased during the exhibition, and many investors and private sector visitors visited the event.

The Kuwait Science Club awarded Gold, Silver, and Bronze Medals to the inventors selected by the juries,











and IFIA, UNESCO, WIPO, and GCCPO awards were given to the best inventions in specific categories.

During this exhibition, a seminar called Beyond Invention - Road to Commercialization was organized by the Kuwait Science Club in the Kuwait Chamber of Commerce & Industry on February 15th. The main speakers of this seminar were Dr. Sergey Medvedev, the head of the legal department at Gorodissky & Partners, Mr. Evgeniy Sesitsky, the Legal Officer of the World Intellectual Property Organization, Mr. Neda Aldaihani, General Manager of Sabah Alahmed giftedness and creativity, Mr. David Farouki, the president of the Jury of Geneva Invention Fair, and Mr. Alireza Rastegar, the President of the International Federation of Inventors' Association.

In this seminar, the president of IFIA talked about the challenges and obstacles inventors faced during their journey and mentioned some factors that could help each of you move forward on your road to commercialization, such as Global Accelerator, local Accelerator, and Innovation Design studio.

Lastly, IFIA thanks the International Invention Fair of the Middle East and Kuwait Science Club for their outstanding management and event. The federation hopes this invention fair will be one of the most significant events in the Middle East and the world.





### SIDE EVENTS AT THE 2023 UN FORUM ON INNOVATION FOR THE SDGS IN NEW YORK

8<sup>th</sup> Multi-stakeholder Forum on Science, Technology, and Innovation for the Sustainable Development Goals.

The eighth annual Multi-Stakeholder Forum on Science, Technology, and Innovation for the SDGs (STI Forum) will be held from 3 to 4 May 2023. The Forum will be convened by the President of ECOSOC Her Excellency Lachezara Stoeva who has appointed two co-chairs – H.E. Ms. Mathu Joyini, Ambassador and Permanent Representative of South Africa to the United Nations, and H.E. Mr. Thomas Woodroffe, United Kingdom Ambassador to the UN Economic and Social Council. As per its mandate, the Forum will be organized by the UN interagency task team on STI for the SDGs (IATT), convened by UN-DESA and UNCTAD, and the 10-Member Group of high-level representatives appointed by the Secretary-General.

In line with recent mandates and as in previous years, the STI Forum will facilitate discussions on science, technology, and innovation cooperation in support of the SDGs. In addition to providing the mandated inputs for the High-

Level Political Forum on Sustainable Development to be held from 10 to 19 July 2023, the

Forum will also take

a broader look at the contribution of STI to the achievement of all the SDGs in recognition of the September mid-term review of SDG progress.

Accordingly, the theme for the STI Forum 2023 is: "Science, technology, and



Science, technology, and innovation (STI) for accelerating the recovery from the coronavirus disease (COVID-19) and the full implementation of the 2030 Agenda for Sustainable Development at

all levels

Goals

3-4 May 2023

Assembly decision A/RES/73/226 of 20 December 2018, the 8thannual Multi-Stakeholder Forum on May: from 8:30 am to 9:45 am, from Science, Technology and Innovation for the SDGs (STI Forum) will be held from 3 to 4 May 2023 at to 7:45 pm, EST). the UN Headquarters in New York. The Forum will be convened by the President of ECOSOC, Her Excellency Lachezara Stoeva, who has appointed two co-chairs -H.E. Ms. Mathu Joyini, Ambassador and non-governmental organizations Permanent Representative of South Africa to the United Nations; and H.E. Mr. Thomas Woodroffe, can apply to have a side event inside United Kingdom Ambassador to the UN Economic the UN Headquarters, outside the UN and Social Council-to guide the organization of the Headquarters, or virtually. Submissions Forum. Side events can be organized in connection by universities, laboratories, and sciwith the STI Forum, either in-person or virtually, by Member States, the UN system, Intergovernmental partnerships, and initiatives without Organizations and accredited non-governmental consultative status will be considered stakeholders. The side events will be an opportunity for all participants to share knowledge and ed parties are strongly encouraged to solutions to accelerate the implementation of sci-partner with others to organize a side ence, technology, and innovation, identify new and event.

and local experiences and practices, and showcase voluntary commitments to the role of STI in achieving the 2030 Agenda for Sustainable Development. Side events may be held on the day prior to the Forum (2 May: from 10 am to 6 pm, EST), as well as Guidelines for Side Events Pursuant to General on the days of the STI Forum itself, during specific designated times (3-4) 1:15 pm to 2:45 pm, or from 6:15 pm

> Who is eligible to organize side events? Member States, Intergovernmental Organizations (IGOs), UN entities, and consultative status with the ECOSOC entific and engineering organizations, on a case-by-case basis. All interest-



# Powering change: Women in innovation and creativity

World Intellectual Property Day 2018

**April 26** 



# Women&IP – World Intellectual Property Day – April 26, 2023

Women and IP: Accelerating innovation and creativity For generations, women have shaped our world with their ingenuity and creativity. Women everywhere are driving scientific breakthroughs, setting new creative trends, building businesses, and transforming our world. In 2023, we celebrate the "can do" attitude of women inventors, creators, and entrepreneurs around the world and their ground-breaking work.

Women in all regions are shaping the world through their imagination, ingenuity, and hard work, but often face significant challenges in accessing the knowledge, skills, resources, and support they need to thrive.

The 2023 World Intellectual Property campaign is an opportunity to celebrate all talented women around the world and promote the development of more inclusive and diverse IP ecosystems that accelerate innovation, creativity, and business growth for the benefit of all. IFIA has always tried to determine the role that intellectual property rights represent in encouraging and inspiring innovation and creativity for building a better future, and has always been committed to those intentions.

For such a purpose, and also representing Green Inventions, IFIA has put all 190 of its members on

the agenda to have an important impact on the implementation of this approach with the innovative challenges faced by the world. These challenges are the things that could threaten humanity in the years to come; such as global warming, climate change, lack of natural resources, and pollution concerns, and we hope to make a better future for human beings through green inventions, recycling, and taking care of the environment, sustainable development, etc.

Society is made up of both males and females sharing equal responsibility and talent to contribute toward its development and promotion. Women's innovative talent has been realized throughout history by their active engagement in different sectors of society.

Since its inception, IFIA has paid special attention to women as an important part of society, and for this reason, in 1977, by awarding the first honorary membership to a female Nobel Prize winner, IFIA proved this claim to be a reality. Since 1996, IFIA has further honored this influential group by forming the Women Inventors Network.



INTERNATIONAL FEDERATION OF INVENTORS' ASSOCIATIONS

## WOMEN INVENTORS NETWORK

## WHAT IS IFIA?

WHAT IS IFIA?

The International Federation of Inventors' Associations was created in 1968 by eight associations. Today, IFIA groups associations from 76 countries, including women inventors associations from: Argentina, Canada, Cuba, Finland, Japan, Malaysia, the Philippines and Sweden. These eight organizations are the founding members of IFIA-WIN.

At the present time, three of the 20 members of the IFIA Executive Committee are women. They come from Germany, Lithuania and Tunisia.

IFIA recently initiated activities in favor of the protein the environment - IFIA-ECO, as well as for young in IFIA-YOUTH.

## WHAT DOES IFIA DO?

- conferences, seminars, expert groups, etc.; publication of reference books, guides, newsletters; surveys, studies, lectures, etc. usualing, particularly for developing countries; usualing, particularly for developing countries; invention competitions; leavest on competitions; saveds (IFA Cup, etc.); Illustrative exhibits on inventor-fuventions; swinning of two inventors associations; consultative services to other organizations; consultative services to other organizations.

As a pioneer in the struggle for recognition of women inventors over the past 10 years, and in my capacity as President of IEIA. 1 am happy to have helped in the creation of IFIA-WIN. which will receive my full support in the years to come. In 1994 I actively participated in the four major women inventors events of the year in Finland, Malaysia, Cuba and Argentian. (See page 2.)

Definitely women are becoming more and more the world of invention. None can stop the tide.

Geneva, March 2, 1995. Farag Moussa President of IFIA



Dr. Rosalyn S. Yalow (USA) NOBEL PRIZE FOR MEDICINE, 1977

Dr. Rosalyn Yalow is the inventor of radioimmunoassay (RIA), a powerful tool for determining any minute substance of biological interest in the urine and blood. In response to the IFIA President she wrote about IFIA-WIN:

"Women are coming into their own in all fields of science. It is a pleasure to note that you have established an organization described as Women Inventors Network. I will be pleased to be chosen as an honorary member."

Rosaly & Galon











Smoke-Free Bengaluru&Beyond: Dr Vishal Rao's Contribution to

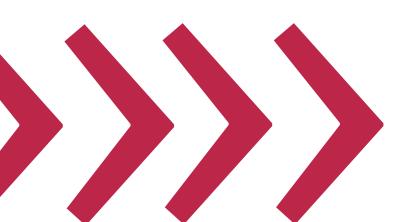
**Public Health** 



Dr Inv. Vishal Rao is a well-known name in the field of public health and tobacco control in India. He is the Director of Health Care at the IFIA Bharat and the founder of the 'Voice of Tobacco Victims' campaign. Dr Rao has been actively working towards creating awareness about the harmful effects of tobacco and promoting tobacco control measures in India. One of Dr Rao's most notable achievements is his contribution to the 'Smoke-Free Bengalury campaign. This campaign was launched with the

'Smoke-Free Bengaluru campaign. This campaign was launched with the aim of strengthening the implementation of smoke-free laws and protecting non-smokers from the harmful effects of passive smoking. Dr Rao played a key role in this campaign, and his efforts have been instrumental in its success.

Under the leadership of Dr. Rao, the 'Smoke-Free' Bengaluru campaign has been able to increase compliance with smoke-free laws in public places. The campaign has also been successful in reducing smoking in public places by 5.2% and increasing the display of 'No Smoking' signage by 51.9%. These achievements earned campaign recognition from the World Health Organization (WHO) on 15.03.2023.





Dr. Rao's efforts have not only contributed to reducing the harm caused by tobacco but have also set an example for other cities and states in India to follow.

Dr. Rao's work is not limited to tobacco control alone. He has also been actively involved in promoting the use of technology, innovation, and entrepreneurship in healthcare and has been working towards providing better healthcare access to rural communities in India. His work in this field has also been widely recognized. Dr. Rao is a true champion of public health and tobacco control in India. His work serves as an inspiration to others in the medical community to take up the cause of public health and work towards creating a healthier and safer society.

# FIABharat: Promoting Innovation Indian Knowledge Systems

Anand Kannan, the President of IFIA Bharat, recently presented an overview of the organization's impact and achievements at the International Conference on Indian Knowledge Systems: Issues, Strategies and a Way Forward 16-18 March 2023. The conference, held at Yuvapatha, Bengaluru aimed to promote and renew Indian knowledge systems and bring together scholars, experts, and practitioners to discuss the issues and strategies for their implementation.

Mr. Kannan's presentation highlighted the achievements of IFIA Bharat and its path toward promoting Indian knowledge systems. He emphasized the importance of innovation and technology in promoting Indian knowledge systems and how they can contribute to the country's development.

The conference was attended by several



distinguished guests, including the Vice-Chan- by the attendees, who appreciated IFIA cellor of Chanakya University, the Head of Inno-Bharat's efforts in promoting innovation vation and Research, and representatives from and technology in India. He spoke about India's Knowledge system department, the Gov- the organization's various initiatives, inernment of India. The attendees also included cluding promoting entrepreneurship, fosstudents and faculty members who were eager tering research and development, and to learn about Indian knowledge systems and supporting the development of start-ups. their implementation.

Mr. Kannan's presentation was well-received IFIA Bharat has been actively involved

PERATION entors' Associations . Bharat andhan CHANAKYA

in promoting Indian knowledge systems and has been working towards creating a conducive environment for innovation and entrepreneurship in India. Mr Kannan's presentation emphasized the need to create awareness about the importance of Indian knowledge systems and the role they can play in India's development.

Anand Kannan's presentation at the International Conference on Indian Knowledge Systems highlighted the importance of innovation and technology in promoting Indian knowledge systems. IFIA Bharat's efforts in promoting entrepreneurship and research and development were well-received by the attendees, who appreciated the organization's efforts in promoting Indian knowledge systems. The conference was a small step towards renewing Indian knowledge systems, and Mr Kannan's presentation was a significant contribution towards that goal.

IFIA Bharat has been actively working with various institutions and organizations to achieve its mission.

Here are key highlights of IFIA Bharat's work.

## Collaboration with different Organizations in India

IFIA Bharat has collaborated with several institutions and organizations in India to promote innovation and technology. One of its notable partnerships is with S-VYASA University, a leading yoga university in India. IFIA Bharat has been working with S-VYASA to promote and commercialize, Tech transfer, and licensing of more than 2000 Intellectual properties.

IFIA Bharat has also been actively participating in various events under the G20 program. The organization has planned to participate in various workshops and seminars to promote innovation and technology in India. The events aim to create awareness about the importance of innovation and technology in the country's development and bring together experts, scholars, and practitioners to discuss innovative solutions to pressing problems.

## **Expansion to Other Countries**

IFIA Bharat has been expanding its reach beyond India and has opened offices in several other countries, including Papua New Guinea, Bhutan, Japan, and the USA. The organization's expansion aims to promote innovation and technology globally and create awareness about Indian knowledge systems.

IFIA Bharat's expansion to other countries has been received positively, and the organization has been actively collaborating with various institutions and organizations in these countries. The organization aims to create a global network of innovation and technology experts and practitioners to share knowledge, ideas, and best practices.

IFIA Bharat's work with different organizations in India and its expansion to other countries highlights its commitment to promoting innovation and technology globally.



## WE PAVE THE WAY FOR YOU TO CREATE AN INNOVATIVE FUTURE



IFIA

INTERNATIONAL FEDERATION
OF INVENTORS' ASSOCIATIONS

www.ifia.com



## **NEW MEMBERS JOINED TO IFIA IN 2023**



R&D, Innovation Expert of Abu Dhabi Corresponding Member



Yenilik Foundation Corresponding Member



Innovation World Alliance Corresponding Member



Tunisian Association for Scientific Research, Innovation and Intellectual Property Full Member



The Innovation Center of Saudi Academic Corresponding Member





## **NEW MEMBERS JOINED TO IFIA IN 2023**



Scientific Institute for Talents Corresponding Member



Innovation HQ
Corresponding Member



Unify Platform AG Corresponding Member



The Technology Application and Promotion Institute
Full Member



The Voice of Innovators and Startups
Full Member



Bhutan Youth Development Fund and Innovate Bhutan Corresponding Member



## IFIA Best Invention Award

is awarded to the greatest invention in the invention festival, competition, and exhibition relying on the IFIA's Jury evaluation of its novelty, inventive step, patent, the potentiality to be commercialized, its benefit for mankind and etc. Best invention medals are awarded in various events held under the patronage of IFIA.

Meanwhile, the below criteria is utilized by IFIA International Jury Board to assess the inventions:

1. Has the inventor gained a national, international patent, or PCT?

Based on the number and type of patents the score giving differs. 0 is considered for an invention without patent, 1 for an invention with one national patent, 2 for two national patents, 3 for one PCT and one national patent, and 4 for an invention with one national, one international (EPO, USPTO), and one PCT.

- 2. Is the invention green or eco-friendly? The invention is evaluated considering its impact on the environment. In case the invention causes pollution, 0 will be granted to it. 1 is considered an invention that does not cause any pollution. Regarding the extent of mitigating pollution, the jury should allocate a number between 2 to 4.
- 3. At what stage of development is it? Is it a Poster? Poster with a 3D image? Animated film? Prototype made? Is an invention ready for the market?

Exactly like the order which is given in the question, the score of 0 is devoted to Poster, 1 to Poster with 3D image, 2 to the animated film, 3 to Prototype, and 4 to an invention ready for market.

4. Has the invention been granted scientific certification?

Some of the inventions do not require scientific certification; in this case, the jury must review the possibility of putting the claimed invention into practice. If the invention needs a scientific certification, then regarding the validity and the number of certifications, a score between 0 and 4 is dedicated to the invention.

5. Is there a public demand for the invention?

The popularity of invention should be estimated by the jury. If the invention is seasonal or it can be used in limited geographical territories, the lower score will be devoted to it.

6. Does the invention involve high technology?

The jury members are required to evaluate the extent of technologies applied in the invention. A higher score will be allotted to an invention in which modern technologies have been utilized.

7. Is the invention more useful than the existing products?

Depending on the extent of innovation used in the invention in comparison to the available products in the market, a score within the range of 0 to 4 must be granted to the invention.

8. Does the invention have an economic impact or potential for economic impact? The jury members should estimate how much the commercialization of this inven-



tion can be income rising and accordingly rate the invention.

9. Is the invention ready to be commercialized? The possibility of invention commercialization shall be evaluated and rated by the Jury between 0 and 3. In case it has the Feasibility Study Report, the score of 4 must be considered for it.

10. Has the invention been awarded an international prize? Considering the number of international awards, as well as their importance, the invention will be rated.



ARCA 2022 - Croatia, Zagreb
IFIA Medal Awarded to Dragica
Jerkov from Croatia for the invention "Nitrogen Organic Fertilizer
From Raw Wool"



ARCA 2022 - Croatia, Zagreb
IFIA Medal Awarded to Lovro Stipanovic and Josip Oroz from Croatia for the invention "PRO-I Smart Virtual Switch"



## iENA 2022 - Germany, Nuremberg

IFIA Medal Awarded to Kim Duk Hee from Korea for the invention Pet fecal disposal device



iENA 2022 - Germany, Nuremberg
IFIA Medal Awarded to Keyon
Choklumlert, from Thailand for the
invention UNC Calcium Fish Bone
Microcrystalline Dietary Supplement
for Health



✓ IIFME 2023 - Kuwait

IFIA Medal Awarded to Mohammadhossein Sharifnia From Iran for the invention "Color Change Label and Expiration Date of Food"



## IIFME 2023 - Kuwait

IFIA Medal Awarded to Sultan Majed Alsalem et al. From Kuwait for the invention "System for Processing Waste"



IPITEX 2023 - Bangkok, Thailand IFIA Medal Awarded to Assoc.Prof. Pairat Tangpornprasert Ph.D., Assoc. Prof. Chanyaphan Virulsri Ph.D., Pattarapol Yotnuengnit M.D., Asst.Prof. Thanyaporn Rakbangboon,



IPITEX 2023 - Bangkok, Thailan
IFIA Medal Awarded to Consortium

Represented by the Main School of Fire Service (SGSP) of Poland for the invention "Integrated Technological and Information Platform"



## SIIF 2022 - Seoul, Korea

IFIA Medal Awarded to K-water from Korea for the invention Automatic cleaning device of foreign matter filtration screen



SIIF 2022 - Seoul, Korea
IFIA Medal Awarded to ShillaFire
from Korea for the invention Water
Curtain Fire fighting Hose



## SIIF 2022 - Seoul, Korea

IFIA Medal Awarded to Termphong Phorkhar and Todsaporn Fuangrod from Chulabhorn Royal Academy of Thailand for the invention Dynamic External Fixator for Finger Fracture

## Who will be the next winner of the F A Best Invention Award?

# IFIA International Innovations Event

Schedule depicts the international events including the innovation and new technologies exhibition, new products and invention fair, several related festivals, design expositions, and contests the innovations in various fields. Among the field of inventions, one can refer to agricultural products, hand tools, computer wares, green technologies, machinery, power technology, and consumer electronics.

Since IFIA encompasses around 50 events held during one year, an excellent opportunity is offered to the members to create a valuable network of communication, exchange innovative knowledge, negotiate the licensing of their inventions and enjoy the programs organized alongside the event including B2B forums, workshops, seminars, and congresses. The primary objective of these side events is to acquaint the participants with Intellectual Property, International Patent Protection, commercialization of inventions, and the empowerment of young men and women entrepreneurs.























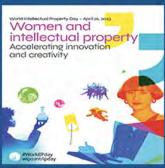






























2 - 6 February 2023 DANGKOK, THAILAND





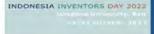














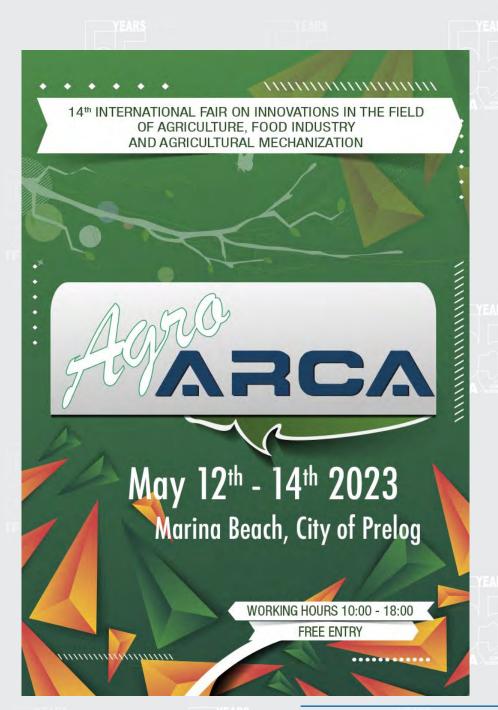
ISTANBUL, TURKIYE
INTERNATIONAL INVENTIONS FAIR
(ISIF 2023)
www.istanbul-inventions.org
27 APRIL to 01 MAY



## IASI, ROMANIA

European Exhibition of Creativity and Innovation **EUROINVENT** www.euroinvent.org 11 to 13 May 2023





## PRELOG, CROATIA

International Fair on Innovation in Agriculture, Food Industry and Agricultural Machinery
AGRO ARCA
www.agro-arca.com
12 to 14 MAY 2023





## KATOWICE, POLAND

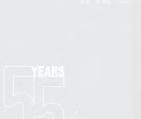
International Invention and Innovation Show www.intarg.haller.pl 24 to 25 MAY 2023











## 2023 BELGRADE INVENTIONS

XXXVII International Exhibition of Inventions, New Technologies & Design

VI CUP OF NATIONS OF YOUNG INNOVATORS - BELGRADE 2023

JUNE 13 - JUNE 16 2023 BELGRADE / SERBIA



Venue: Atrium of the Ethnographic Museum, Studentski Trg 13, Belgrade, Serbia.













BELGRADE, SERBIA INVENTIONS BELGRADE www.inventbg.org.rs 13 to 16 JUNE 2023







OLYMPIAD KIYO www.kiyo4i.com

7 to 9 AUGUST 2023



## TORONTO, CANADA

**ICAN** 

International Invention Innovation Competition in Canada www.tisias.org AUGUST 26TH, 2023



REYKJAVIK, ICELAND
GLOBALWIIN
Global Women Inventors & Innovators Network
www.globalwiin.com
6 to 7 SEPTEMBER 2023





## MACAU, CHINA

MIIEX

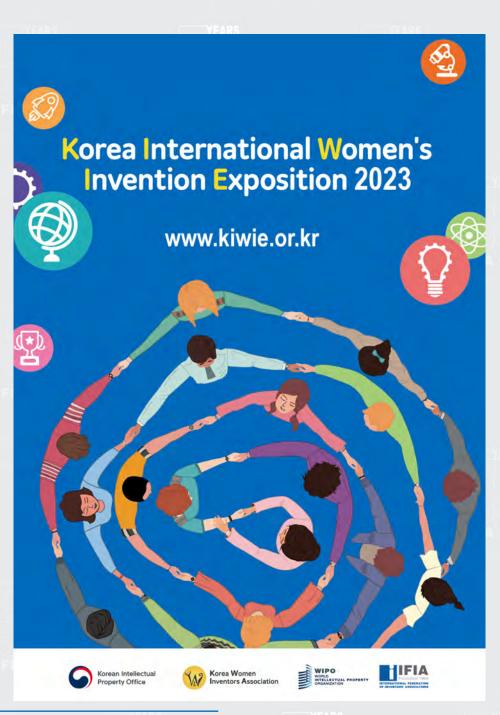
Macao International Innovation and Invention Exposition Expowww.miiamacao.org 27 to 29 OCTOBER 2023



Inventions, and New Products

28 to 30 OCTOBER 2023

www.iena.de



**SOUTH KOREA** 

KIWIE KOREA INTERNATIONAL WOMEN'S INVENTION EXPOSITION www.kiwie.or.kr AUGUST 2023

YEARS

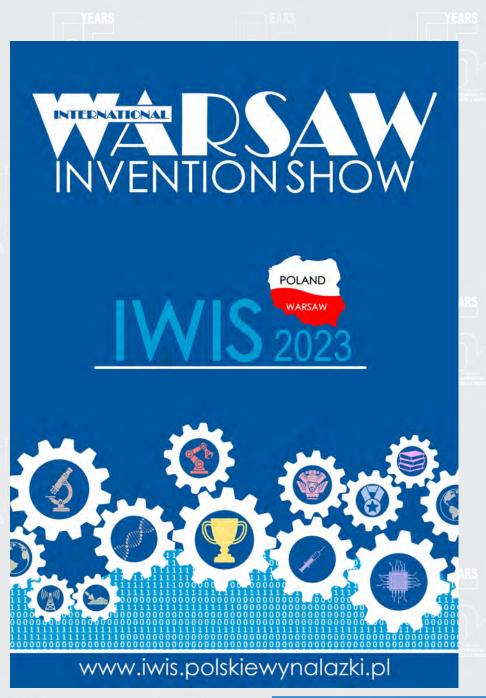


SWITZERLAND
INTERNATIONAL COMPETITION
FOR IFIA INV MEMBERS
www.ifia.com
AUGUST 2023



## ZAGREB, CROATIA

ARCA
International Exhibition of Inventions
www.arcahr.com
OCTOBER 2023



WARSAW,Poland
INTERNATIONAL WARSAW INVENTION SHOW
IWIS
www.iwis.polskiewynalazki.pl
OCTOBER 2023















## GWANGJU, SOUTH KOREA

BIXPO
Bitgaram International Expo of Electric
Power Technology
www.bixpo.kr
1 to 3 NOVEMBER 2023





## INVENTORS DON'T JUST DREAM OF ABETTER WORLD, THEY BUILD IT.



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IFIA mobile application is presented in



## 48<sup>TH</sup> INTERNATIONAL EXHIBITION OF

INVENTIONS GENEVA

## UNDER THE PATRONAGE OF

THE SWISS FEDERAL GOVERNMENT, OF THE STATE, THE CITY OF GENEVA AND OF THE WORLD INTELLECTUAL PROPERTY ORGANIZATION WIPO

**26-30 APRIL 2023**PALEXPO

INVENTIONS-GENEVA.CH







OF INVENTORS' ASSOCIATIONS







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