



16.-17. 6. 2016 | WERK ARENA TŘINEC
CZECH REPUBLIC

ZÁVĚREČNÁ ZPRÁVA FINAL REPORT





DĚKUJEME

THANKS



TŘINECKÉ ŽELEZÁŘNY



**ČESKÁ HUTNICKÁ
SPOLEČNOST, z.s.**



**ČESKÝ SVAZ
vynálezců a zlepšovatelů**



**ČESKÝ SVAZ
VĚDECKOTECHNICKÝCH
SPOLEČNOSTÍ**



**ÚŘAD
PRŮMYSLUVÉHO
VLASTNICTVÍ**



**INTERNATIONAL FEDERATION
OF INVENTORS' ASSOCIATIONS**



**SEKCE
MÍSTOPŘEDSEDY
VLÁDY PRO VĚDU,
VÝZKUM A INOVACE**



**MINISTERSTVO ŠKOLSTVÍ,
MLÁDEŽE A TĚLOVÝCHOVY**



**MINISTERSTVO
PRŮMYSLU A OBCHODU**



**Akademie věd
České republiky**



Transferecz

AriD®

HOSPODÁŘSKÉ NOVINY

ekonom

hutník



AC TECHNOLOGIES s.r.o.
 AFTA TECHNOLOGY CO., LTD.
 Agencja Promocyjna INVENTOR sp. z o.o., Poland
 Amtest-TM s.r.o.
 ARMAGAS s.r.o.
 ASOCIATIA INVENTATORILOR DIN ROMANIA
 ASSOCIATION OF POLISH INVENTORS AND RATIONALIZERS
 Association of Slovenian Inventors
 ASSOCIATION OF THAI INNOVATION AND INVENTION PROMOTION
 Baroz Ener a Akustické Materiály
 BELGRADE ASSOCIATION OF INVENTORS
 Brokl Consulting s.r.o.
 Centrum polymerních systémů, Univerzita TB ve Zlíně
 Centrum výzkumu Řež s.r.o.
 Colonature
 Česká zemědělská univerzita v Praze, Technická fakulta
 Český svaz vynálezců a zlepšovatelů z.s.
 DPATU Inventor Mihajlo Pupin
 Eng. Sfartz Pincu
 ENVIFORM a.s.
 First Institute Researchers and Inventors in Iran
 Hungarian Inventors Assosiation
 Chinese Innovation and Invention Society
 IFIA – International Federation of Inventors' Associations
 Ing. Jiří Dvořák
 Ing. Zdeněk Zátopek
 INSTYTUT TECHNICZNY WOJSK LOTNICZYCH
 INVENTORS' ASSOCIATION OF BOSNIA AND HERZEGOVINA
 INVENTORS ASSOCIATION OF VOJVODINA
 Iraqi Forum of Inventors
 KARIREAL a.s.
 Kohut Třinec s.r.o.
 KOMA Industry s.r.o.
 K-PROFI, spol. s r.o.
 Masarykova univerzita
 MATERIÁLOVÝ A METALURGICKÝ VÝZKUM s.r.o.
 MCAE Systems, s.r.o.
 MEPAC CZ, s.r.o.
 PATENTCENTRUM Sedlák&PARTNERS s.r.o.
 Primetals Technologies Czech Republic s.r.o.
 prof. Aurelian Gulea
 REFRASIL s.r.o.
 SLOVENSKÉ ENERGETICKÉ STROJÁRNE a.s.
 SMS group GmbH
 State Agency on Intellectual Property of the Republic of Moldova
 STEELTEC CZ, s.r.o.
 Stipan Orčić
 Strojírny a stavby Třinec, a.s.
 Střední odborná škola Třineckých železáren
 Syrian Inventors Association
 The Egyptian Inventors Syndicate
 The International Innovation Club „Archimedes“
 TŘINECKÉ ŽELEZÁRNY, a. s.
 UNION OF CROATIAN INNOVATORS
 Univerzita Palackého v Olomouci
 Úřad průmyslového vlastnictví
 Visegrad Patent Institute
 Vysoká škola báňská - Technická univerzita Ostrava
 ZEDER DOO





The first annual of the International Exhibition of Technical Innovations, Patents, and Inventions INVENT ARENA was held in Třinec from 16th to 17th June 2016.

„ORGANIZERS“

The promoters were Třinecké Železárny, a company with nearly 180 years of tradition, and Czech Metallurgical Society. Expert warranty is provided by International Federation of Inventors Associations, Czech Union of Inventors and Rationalizers, The Czech Association of Scientific and Technical Societies and Industrial Property Office.

„PATRONAGE“

Patronage of the event was provided by Mr. Alireza Rastegar the President of the International Federation of Inventors Association, Pavel Bělobrádek the deputy Prime Minister for Science, Research and Innovation, Kateřina Valachová the Minister of Education Youth and Sports, Jan Mládek the Minister of Industry and Trade, Jiří Drahoš the President of the Czech Chamber of Commerce, Vladimír Dlouhý the President of The Czech Academy of Sciences, and Věra Palkovská Mayor of town of Třinec

„50 EXHIBITORS FROM 21 COUNTRIES“

50 exhibitors from 21 countries all over the world took a part in the exhibition. A half of almost 1 500 square meters was occupied by the domestic inventors. The other half belonged to the foreign ones, who came predominantly from Europe (Poland, Slovakia, Hungary, Germany, Serbia, Slovenia, Romania, Moldova, Russia, Croatia, Macedonia, Bosnia and Herzegovina), but also from the farther destinations (Taiwan, Thailand, Iran, Iraq, China, Syria, United Arab Emirates, Egypt).

„PROMINENT GUEST“

The visitors, who participated in the exhibition – Ms. Gan Lin, the Deputy Minister of Industry and Commerce of the China People's Republic, Mr. Michał Szota the Director of the International Federation of Inventors Association, Mr. Janucz Bilski the Consul of Poland, Ms. Monika Ziková representant of the WIPO International Patent Office, Mr. Francesco Zaccá representant of the European Patent Office EPO, Ms. Pavla Sluková from the Ministry of Industry and Trade, Mr. Jiří Cenciala the Vice-President of the Confederation of the Czech Industry, Mr. Radúz Mácha the Director of the Association for the Development of the Moravian-Silesian Region, Mr. Martin Duda the Director of Innovation Support Centre of VŠB – TU Ostrava, Ms. Eva Janouškovcová the Director of Technology Transfer Office of Masaryk University, and so on.

Speakers commemorated in their introductory speeches especially the importance of research and development as driving forces of progress and the importance of global exhibitions such as this INVENT ARENA for the promotion and transfer of technologies from the laboratories into the everyday life. „Innovation is essential for the development of society, as well as for business, because we can offer the market more only through innovation, rather than less creative competitors,“ says Jan Czudek, the CEO of TŽ, who sees the support of good ideas and human creativity a key factor in the development of the company.

„210 COMPETING INVENTIONS“

For two days, over 2 600 visitors could see more than 230 inventions and innovations, 210 of them had enrolled to the competition. The exhibits were judged by the professional jury composed of Josef Kratochvíl, Jan Kobielski, Lukáš Zmeškal, Pavel Dlouhý, Bohdan Suchanek (Czech Republic), Anna Hafner (Slovenia), Anđelko Glavašević (Serbia) a Krzysztof Biernat (Poland). The best innovations were awarded by gold, silver and bronze medal or by one of the special prizes.



FINAL REPORT

ZÁVĚREČNÁ ZPRÁVA



„SPECIAL AWARDS“

The Gold IFIA Medal:

- „The measure system PLANTOGRAF“ – professor Volf team from Czech University of Life Sciences Prague (Czech Republic).

The Prize of the WIPO International Patent Office for Contribution to the Research and Innovations:

- Michał Szota (the President of the APIR, Poland),
- Ku Chen Wu (the Chairman of the CIIS, Taiwan),
- KOMA – Industry (Czech Republic).

The President of the Czech Academy of Sciences Award:

- „Active change of the frame geometry of a motorcycle“ – VŠB – Technical University of Ostrava (Czech Republic).

The Mayor of Town of Třinec Award:

- „Electric sport car SCX“ – StudentCar team from VŠB – Technical University of Ostrava (Czech Republic).

The Award of the Confederation of the Czech Industry:

- Facilities for the parking of motor vehicles (Mobile Intelligent Unit) – KOMA-Parking (Czech Republic).

The Award of Jan Czudek, CEO of Třinecké Železárny:

- „Multifunctional motor vehicle for special purposes FUNTER 4WD“ – Automotive Industry Institute (Poland).

„WINNERS OF CATEGORIES“

Category 1 – Ecology and environmental protection:

- „Green Electric Tee With Peak Hours Alarm“ – First Institute Researchers and Inventors in Iran (Iran).

Category 2 – Metallurgy, power supply, mechanical engineering, transport and civil engineering:

- „High speed laying head“ – Primetals Technologies (Czech Republic).

Category 3 – Chemistry, agriculture, health care and biotechnology:

- „System and method for verification of product authenticity“ – The Palacký University from Olomouc (Czech Republic).

Category 4 – Computer engineering, telecommunication, automation and informatics:

- „PIAP FENIX® robot“ – Industrial Research Institute for Automation and Measurements PIAP (Poland).

Category 5 – Young innovators (up to 26 years):

- „Single Phase Motor Controller KS-1f“ – The King John III Sobieski Secondary School No 6 in Jastrzebie-Zdroj and Practical Center in Jastrzebie-Zdroj (Poland).

Category 6 – Miscellaneous:

- „Cushioned roller skate“ – Freedom line Pilsen (Czech Republic).

„GRAND PRIX“

The Grand Prix winner was selected out of the winners of the six categories, the prize winner is „High speed laying head“ of Primetals Technologies company.





„ACCOMPANYING PROGRAM“

The visitors paid also a great attention to the accompanying program of the exhibition, where you could watch the 5th annual of the International Craft Games, where more than 300 students of elementary and secondary schools from the Central Europe (Czech Republic, Slovakia, Poland, Germany, Hungary, Austria, Ukraine, Belarus) competed in the skill contests in the categories electrician, metallurgist, mechanic, and plumber.

INVENT LAB, which offered at almost 700 square meters the samples of 3D printing within local schools, exhibition of the history of computers from the Technical University Ostrava, presentation of the legendary building kit Merkur, flying with drones, virtual tours, introduction of the Scientific Fair of the Czech Academy of Science, and exhibits of DIY Museum from Polná were also very attractive.

The visitors could also taste the traditional Czech delicacies – Olomouc cheese and Hořice rolls.

There were also four workshops regarding the patent protection, copyright or technology transfers.

„INVENT ARENA 2018“

The first annual of the INVENT ARENA exhibition was positively evaluated by the visitors as well as exhibitors; some participants already expressed their interest in participating in the second bi-annual, which will be held again in modern WERK ARENA from 20th to 22nd June 2018.

We thank to all participating exhibitors and visitors and looking forward to meeting you in 2018.

The INVENT ARENA organizational team



2

20TH – 22ND JUNE 2018
WERK ARENA TŘINEC
CZECH REPUBLIC





NA SHLEDANOU PŘÍŠTĚ

SEE YOU NEXT TIME

INFORMACE A DOTAZY:

Petr BIELESZ
Tel.: +420 558 387 113 | Mobil.: +420 602 614 537
aktuality@trisia.cz | info@inventarena.cz
www.trisia.cz | www.inventarena.cz

TRISIA, a.s.
nám. Svobody 526
739 61 TŘINEC
Česká republika

INFORMATIONS & QUESTIONS:

Petr BIELESZ
Tel.: +420 558 387 113 | Mob.: +420 602 614 537
E-mail: aktuality@trisia.cz | info@inventarena.cz
URL: www.trisia.cz | www.inventarena.cz

TRISIA, a.s.
nám. Svobody 526
739 61 TŘINEC
Czech Republic