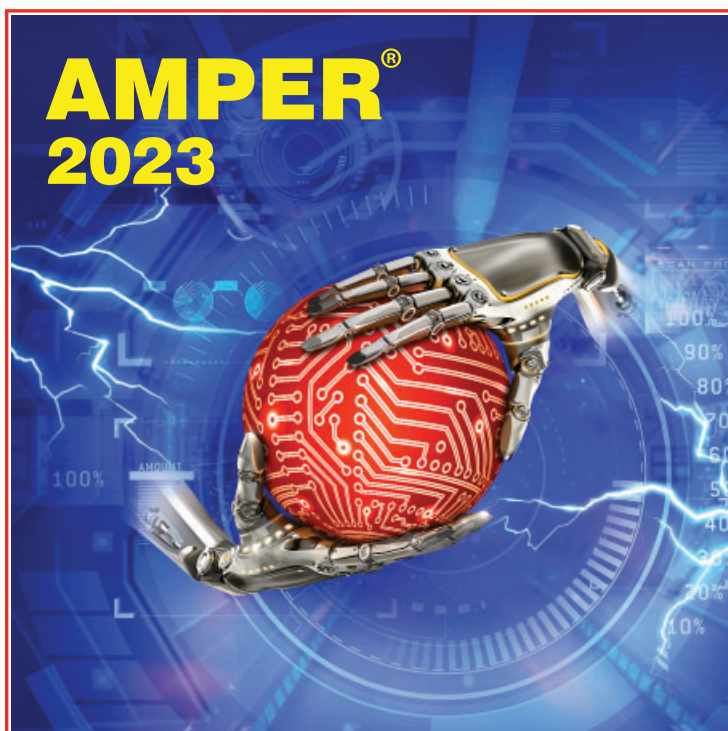


ZÁVĚREČNÁ ZPRÁVA

FINAL REPORT

29 *Mezinárodní veletrh elektrotechniky, energetiky, automatizace, komunikace, osvětlení a zabezpečení*
International Trade Fair of Electrotechnics, Energetics, Automation, Communication, Lighting and Security Technologies



POŘADATEL / ORGANIZER:

TERINVEST, spol. s r.o., Veletržní správa,
Bruselská 14, 120 00 Praha 2, Česká republika
TERINVEST, spol. s r.o., Trade Fair Management,
Bruselská 14, 120 00 Prague 2, Czech Republic

MÍSTO KONÁNÍ / VENUE:

Výstaviště Brno (veletrh se konal v halách P, F)
Brno Exhibition Centre (Trade fair took place in halls P, F)

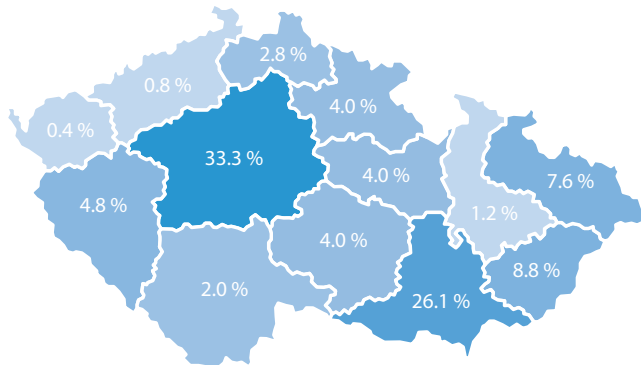
TERMÍN KONÁNÍ / DATE:

21. - 23. 3. 2023

ZÁKLADNÍ INFORMACE / BASIC STATISTICS:

▶ Hrubá výstavní plocha:	21 000 m²
Total Exhibition Space:	21.000 sq. m.
▶ Čistá výstavní plocha:	9 600 m²
Net Exhibition Space:	9.600 sq. m.
▶ Celkový počet vystavovatelů:	400 z 24 zemí
Number of Exhibitors:	400 from 24 countries
▶ Počet zahraničních vystavovatelů:	131
Foreign Exhibitors:	
▶ Počet návštěvníků:	25 000
Number of Visitors:	
▶ Návštěvnost www.amper.cz (1. 1. - 22. 3. 2023):	68 277
AMPER Website Visitors (1. 1. - 22. 3. 2023):	

Domestic Exhibitors According to Regions



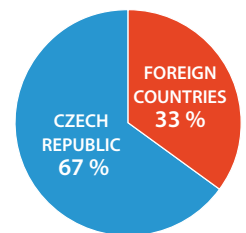
PRAGUE AND CENTRAL BOHEMIA REGION	33.3 %
SOUTH MORAVIA REGION	26.1 %
ZLÍN REGION	8.8 %
MORAVIA-SILESIA REGION	7.6 %
PLZEŇ REGION	4.8 %
HRADEC KRÁLOVÉ REGION	4.0 %
PARDUBICE REGION	4.0 %
VYSOČINA REGION	4.0 %
LIBEREC REGION	2.8 %
SOUTH BOHEMIA REGION	2.0 %
OLOMOUC REGION	1.2 %
ÚSTÍ NAD LABEM REGION	0.8 %
KARLOVY VARY REGION	0.4 %

Foreign Exhibitors /Total 131 from 23 Countries/

	Slovakia	36		Serbia	2
	Germany	20		Belgium	1
	Austria	13		Bulgaria	1
	Poland	11		Finland	1
	Turkey	8		Croatia	1
	Italy	7		Canada	1
	Taiwan	7		Lithuania	1
	Switzerland	5		United Arab Emirates	1
	China	4		Spain	1
	Great Britain	4		Sweden	1
	France	2		USA	1
	Hungary	2			

Exhibitors from the Czech Republic x Foreign Countries

	Companies	sq. m.
CZECH REPUBLIC	269	7 709
FOREIGN COUNTRIES	131	1 891



Nomenclature Fields by Number of Representing Companies

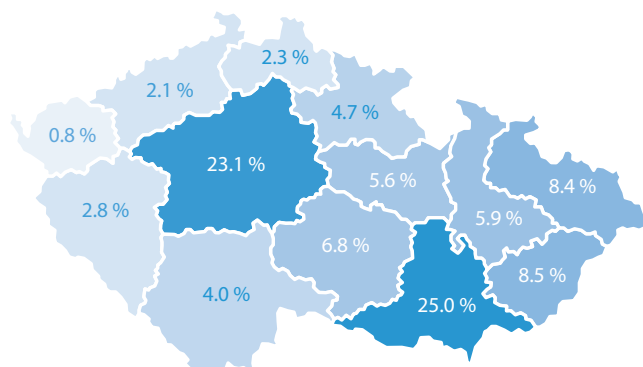
Electronic Components and Modules	15.5 %
Electroenergetics – Power Generation, Transfer, and Distribution	12.9 %
Automation, Control, and Regulation	12.1 %
Electric Installation, Building Management, and Security Systems	11.1 %
Measuring and Testing Devices	10.6 %
Production Facilities, Components for Electrical Engineering, and Electronics	5.7 %
Conductors and Cables	5.4 %
Lighting Devices and Systems	3.9 %
Information and Communication Technology	2.8 %
AMPER e-MOTION	2.8 %
Tools, Accessories, and Equipment	2.6 %
Services in the electrical engineering industry	2.1 %
Drives, Power Electronics, Power Systems	1.3 %
Electro Thermal Technology	0.5 %
Lasers, Photonics, and Fine Mechanics	0.5 %
Professional Media and Institutions	10.3 %

Exhibitors with Exhibition Space over 100 sq. m.



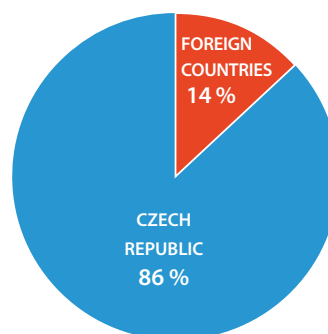
Data is based on a sample of 75 % of visitors (registered participants).

Domestic Visitors According to Regions



SOUTH MORAVIA REGION	25.0 %
PRAGUE AND CENTRAL BOHEMIA REGION	23.1 %
ZLÍN REGION	8.5 %
MORAVIA-SILESIA REGION	8.4 %
VYSOČINA REGION	6.8 %
OLOMOUC REGION	5.9 %
PARDUBICE REGION	5.6 %
HRADEC KRÁLOVÉ REGION	4.7 %
SOUTH BOHEMIA REGION	4.0 %
PLZEŇ REGION	2.8 %
LIBEREC REGION	2.3 %
ÚSTÍ NAD LABEM REGION	2.1 %
KARLOVY VARY REGION	0.8 %

Structure of Visitors



Visitors Registered from the Following Countries:

Austria	Ireland	Slovenia
Croatia	Italy	Spain
Finland	Malta	Sweden
France	Netherlands	Switzerland
Germany	Poland	Taiwan
Great Britain	Romania	Turkey
Hungary	Serbia	Ukraine
China	Slovakia	

Professional Structure of Visitors

Electrical Engineer (high/low voltage current)	17.3 %
Technician	12.3 %
Manager	10.9 %
Strategic Buyer	7.9 %
Project Engineer	6.0 %
General Director	5.4 %
Constructor, Developer	5.1 %
Owner, Co-owner	3.8 %
Engineering Inspector	3.3 %
Technologist	2.8 %
Electromechanic	2.8 %
IT Technician	2.6 %
Electrician	2.3 %
Independent Entrepreneur	1.8 %
Service Engineer	1.6 %
Representatives of Public Administration	1.0 %
Architect	0.6 %
Students	3.4 %
Other	9.1 %

Exhibitors with the Most Registered Visitors



PATRONAGE AND PARTNERS

AMPER[®]
2023

100%
90%
80%

Patronage



jihomoravský kraj



Professional Partners from the Czech Republic and Abroad



Media Partners from the Czech Republic and Abroad



Production Partners



Professional conferences, seminars, forums and meetings

- „Smart city in practice“ - How to smartly develop cities and towns with the help of modern technologies and with regard to the landscape
- Grounding systems
- Small Photovoltaic Forum 2023 - Photovoltaics as a tool against rising energy prices
- Safety of machinery 2023
- Requirements for the electrical installation of PV plants according to the new legislation, including the general model of the report on the revision of the PV electrical equipment
- Current trends in photovoltaics
- Heat pumps in theory and practice



AMPER e-MOTION



This year, the program also offered the latest trends in the field of charging infrastructure, electromobility and electrical handling equipment. The exhibitors presented several innovative solutions for charging electric cars in private and corporate environments. Visitors could not only view the exhibits, but also try some of them personally. Among the

exhibits was the KIA Niro EV, Renocar presented the BMW iX M60. The first day of the trade fair, a conference focused on e-mobility took place, namely „Smart city in practice VIII“.



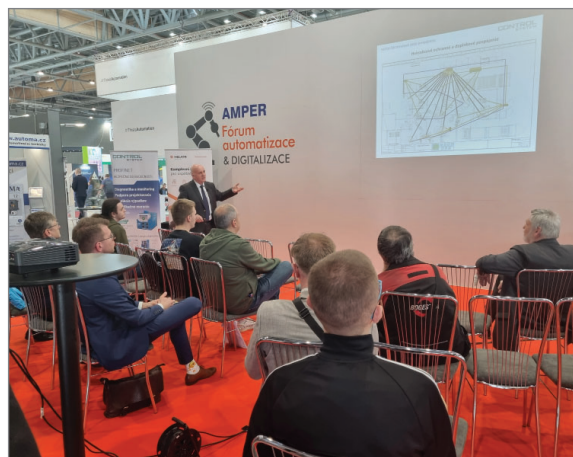
FORUM AUTOMATION & DIGITALIZATION



The open discussion area offered the professional public live presentations and discussions not only in the field of automation, regulation and measurement technology and industrial informatics.

The forum included lectures by companies and professional partners of the trade fair, a special block was reserved for the presentation of high schools and universities. Innovative products and technologies were presented by the participants of the GOLDEN AMPER competition, among others. For example, industrial battery storages and their energy savings were discussed, the IQRF Alliance presented the possibility for manufacturers to integrate IQRF mesh technology into their products.

Program partner:



AMPER POWER ENGINEERING



Presentation of technological innovations and advanced solutions of dozens of companies in the field of electricity production, distribution and storage and a professional accompanying program in the field of energy.

Exhibitors presented comprehensive solutions for PV systems and the latest models of transformers and innovations in switchgear technology. Conferences, lectures and training sessions on current trends in the field of photovoltaics, heat pumps and other topics were well attended by visitors. All this happened live and in one place.



AMPER SMART & SAFE CITY



Smart solutions and technology for cities, municipalities, municipal services and other organizations and discussions with leading experts in the field.

In addition to the presentation of selected companies directly at the fair, which presented for example systems for identification and registration of people depositing waste at collection yards or industrial connectors for charging batteries of public ship transportation at the Brno Dam, this program included a conference „Smart city in praxis VIII” - How to develop smartly towns and villages with the help of modern technologies and with regard to the landscape.

Program partners:



AMPER STARTUP



New companies entering the market presented themselves at the 6th AMPER STARTUP.

A total of 7 start-up companies presented innovative solutions at the joint exposition in hall P. Their common big topic was energy savings and artificial intelligence. For example, the most technologically advanced photovoltaic panel on the market or the Wattee application to use artificial intelligence to save energy were presented.



Competition GOLDEN AMPER 2023

AMPER®
2023



This year, 18 exhibits from 17 exhibiting companies competed for the prestigious GOLDEN AMPER award and the title of the most beneficial exhibit at the AMPER 2023 trade fair.

The expert evaluation committee led by Prof. Ing. Zdeněk Peroutka, Ph.D. awarded four honorable mentions and four GOLDEN AMPER awards for the most beneficial exhibit at the fair.



Awarded exhibitors



Expert committee



2N TELEKOMUNIKACE a.s.



ENIKA.CZ s.r.o.

THE GOLDEN AMPER AWARD WAS WON BY:

AERS s.r.o.	Large-capacity SAS battery storage for covering energy consumption peaks
BD SENSORS s.r.o.	BD SAT - Nanosatellite for experimental verification of sensory systems in orbit
ELEKTRO - HARAMIA s.r.o.	Modular Substation with an innovative internal composition, replacing the currently widespread SF6 gas with clean air
IQRF Tech s.r.o.	IQRF wireless technology with the possibility of integrating mesh technology into products thanks to an open patented license

GOLDEN AMPER 2023 HONORABLE MENTION WAS AWARDED TO:

2N TELEKOMUNIKACE a.s.	2N® IP Style intercom with WaveKey technology
ENIKA.CZ s.r.o.	POSEIDON® City - Czech system for controlling outdoor lighting using the LoRa network
Spectrasol, s.r.o.	Patented procognitive and regenerative LED lighting imitating natural sunlight
Brno University of Technology, Faculty of Electrical Engineering and Communication Technologies	Cyber Security Research, Testing and Education Cyber Arena (BUTCA)



Exposition of Turck, s.r.o.



View of the hall P with OBO BETTERMANN and WAGO-Elektro at the front



Presentation of TELEDINE FLIR and partners W-Technika Group s.r.o. and SpektraVision s.r.o.



Meetings at the stand of B+R automatizace, spol. s r.o.



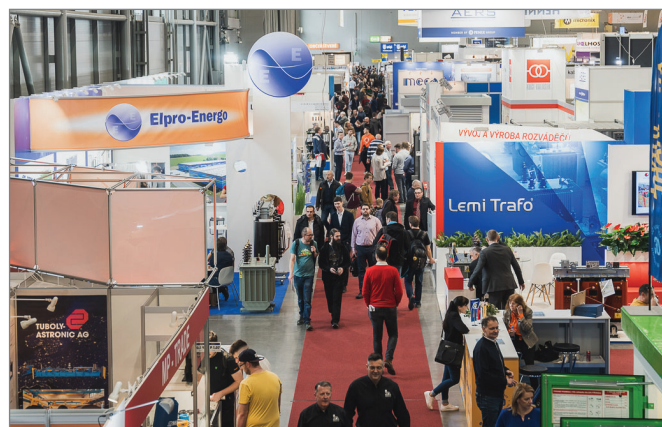
A strong representation of Austrian companies in hall F



Inspection technology for SMT production and cable technologies in hall F



Taiwanese exposition and electromobility in hall F



Representatives of the fields of energy in hall P