



62. Mezinárodní strojírenský veletrh
62. Internationale Maschinenbaumesse
62nd International Engineering Fair



8.–12. 11. 2021
Brno, Czech Republic

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

MONDAY 8/11/2021

9.00–15.00

E-MOBILITY PERSPECTIVES XII

Venue: Hall P, room P1

Expert supervisor:

Organiser: FCC Public, s. r. o.

Ing. Jana Kotková, tel.: +420 603 538 692, e-mail: jana.kotkova@fccgroup.cz

Registration: https://my.sendinblue.com/users/subscribe/js_id/1t45h/id/13

Programme:

The Perspectives of E-mobility XII conference with the subtitle Directions and Trends in Vehicle Development, Infrastructure and Legislation presents the current state of the art in the field of vehicles for various purposes through partners and speakers, which are united by one common feature – electric drive powered by an integrated battery unit. The presentations will cover a range of topics – from government attitudes, advances in design and energy storage, infrastructure, the overlap of electric mobility with the wider energy sector, and the potential of electric vehicles for work, recreation and improving quality of life.

The conference is intended for a wide range of listeners and interested parties from the professional and interested public, representatives of local governments, companies operating cargo and passenger transport; visitors of the International Engineering Fair are also welcome.

Follow the programme at <http://www.odbornecasopisy.cz/seminare-konference/perspektivy-e-mobility-xii--89>

Topics:

Attitude of the state towards alternative fuels in automotive transport

Development in electro mobility – trends in 2021 in the Czech Republic, Europe and the world

- electrically powered vehicles and related infrastructure,
- construction, materials, energy, control and automation technology, technical regulations,
- development of the affordability of electric vehicles,
- clean mobility and new forms of vehicle ownership,

Electro mobility and electricity generation in context

- integrating electric vehicles into the wider context of Smart Homes, Smart Grids and Smart Cities,
- energy storage for vehicle charging, battery storage units.

Development and experience

- the use of passenger vehicles, commercial vehicles for mass transport of people,
- mass use of single-track electric vehicles in cities,
- electric vehicles for play, recreation and assistance to disabled people

Presenters:

Ing. Martin Voříšek, Ministry of Industry and Trade of the Czech Republic

Ing. Jaromír Marušinec, Ph.D., MBA, VUT Brno; Electric Vehicle Industry Association

Ing. Miroslav Kuželka, ABB s. r. o.

Ing. Tomáš Chmelík, Ph.D., ČEZ, a.s.

Ing. Martin Šilar, Siemens s. r. o.

Ing. Silvester Buček, ejoin, s. r. o.

Mgr. Jakub Ditrich, ekolo.cz s. r. o.

Lukáš Hataš, Association for Electromobility of the Czech Republic

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

10.00-12.00

ROBOT 101

DIGI-COVID TRANSFORMATION

Venue: Hall E, room E4

Expert supervisor: Czech Management Association, Ivo Gajdoš, tel: +420 602 446 699, e-mail: gajdos@cma.cz

Organized by: Ing. Lenka Krobová, tel. +420 737 135 817, e-mail: krobova@cma.cz

Programme:

- Challenges for the Czech economy, society and management in the context of technological transformation of companies

- celebration of the world's most famous word of Czech origin, ROBOT

Invited speakers include Vítězslav Lukáš, ABB s.r.o., Prof. Vladimír Mařík, CIIRC CTU, Libor Witassek, Kovolit, a.s, Simona Kijonková, Zásilkovna s.r.o. + winner of the Manager of the Year 2020 competition in the category Manager of the Digital Age

10.00-13.00 hod.

REGIONAL EXPORT CONFERENCE FOR THE SOUTH MORAVIAN REGION

Venue: RHK Brno

Expert supervisor: Czech Export Bank, EGAP

Programme and registration: <https://www.rhkbrno.cz/kalendar-akci/krajaska-exportni-konference-v-brne>

9.00–17.00

CONTACT - CONTRACT 2021

B2B MEETINGS (DAY 1)

Venue: Hall A2, stand no. 07

Expert supervisor /

Organized by: Regional Chamber of Commerce Brno

Ing. Radek Kopecký, tel. +420 532 194 923, e-mail: kopeccky@rhkbrno.cz

Online registration at www.cc2021.rhkbrno.cz

Programme:

Traditional international "Contact-Contract" B2B event is a unique opportunity to increase competitiveness and identify new markets and business partners. It is a joint project of the Brno Regional Chamber of Commerce, Czech and foreign partners belonging to the Enterprise Europe Network (EEN), chambers of commerce and BVV Trade Fairs Brno, a.s.

If you are interested in tailor-made meetings, this event combines the advantages of trade fair participation and the increasingly popular matchmaking: bilateral pre-arranged meetings with a precise timetable.

9.00–17.00

CZECH INDUSTRY PHOTO

Venue: Hall G1

Expert supervisor /

Organized by: PROMOLIGA, Hana Krejčí, tel. + 420 792 261 144 / 730 595 962, e-mail: info@promoliga.cz, www.promoliga.cz, www.czechindustrychallenge.cz, www.czechindustryphoto.com

12.00, 14.00, 16.00

PACKAGING LIVE

Venue: Hall A2, stand no. 42

Expert supervisor /

Organized by: EQUICom s.r.o. and professional partners, see www.packaginglive.cz

Michaela Zachová, tel.: +420 603 278 091, e-mail: zachova@equicom.cz

Programme:

- Presentation of technologies in practice - robot controlled packaging line accompanied by expert commentary

- Robotization, labeling, packaging, handling, identification, palletization, distribution, information system, monitoring (Industry 4.0)

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

TUESDAY 9/11/2021

9.00–17.00

7th Professional Conference on Trends and Innovations in Industrial 3D Printing

ADDITIVE MANUFACTURING FORUM 2021

Venue: Hall E, room E2

Expert supervisor: Ing. Jan Homola, tel. +420 724 659 048, e-mail: jan.homola@novamedia.cz

Organized by: Vydavatelství Nová média, s. r. o.

Registration on-line:

Entry fee: 990 CZK

Programme:

The largest meeting of those interested in professional 3D printing technologies in Central Europe will present innovations in additive manufacturing and its application in Czech and foreign practice. With the participation of the world's leading suppliers of 3D printers, their local representatives and customers, we will present the use of advanced technologies for more productive production of prototypes, tools and end products in mass production. All-day refreshments and a raffle with valuable prizes will be provided for participants.

9.00–17.00

CZECH TRADE MEETING POINT

Global consultation on export topics

Venue: Hall P, stand no. 60 + room P1

Expert supervisor: Czech Export Promotion Agency

Ing. Dagmar Matějková, MBA, tel. +420 724 340 444, e-mail: dagmar.matejkova@czechtrade.cz

Registration: <https://www.czechtrade.cz/kalendar-akci/archiv-akci/meeting-point-czechtrade-na-mezinarodnim-strojirenskem-veletrhu-v-brne-2021>

Programme:

- How to find a suitable business partner abroad?
- What form of market entry should I choose?
- What are the specific opportunities in your industry?

After two years, the directors of CzechTrade's foreign offices will come to Brno for the International Engineering Fair directly from the territories and will help you in solving your export activities and issues in 47 countries.

The directors of CzechTrade's foreign offices have been working in the territories for a long time, they know the current events on the local markets, export opportunities, business conditions, customs, language and contacts. They help open more doors for exporters than individual efforts in an unfamiliar environment would bring. They can help you select suitable territories for your product or service, find trading partners, assess the realistic chances of success and recommend the best way forward.

You can easily find out whether your field of activity is promising for your chosen foreign market at <https://www.czechtrade.cz/czechtrade-svet>. Each country profile lists promising export industries.

Consultations will also be provided by experts from the Client Centre for Export, which is a joint activity of the Ministry of Industry and Trade, the Ministry of Foreign Affairs and the CzechTrade agency. Further consultations will be provided to companies by specialists of the CzechTrade Design Centre, which is a national platform of state support for design.

ORGANIZATIONAL INFORMATION

- You can sign up for up to five countries.
- Consultations are individual and last 30 minutes.
- Participation is free, but advance booking is required.
- After submitting your application form, a CzechTrade export consultant will contact you and specify the specific dates of your meetings.

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

10.00–12.00

DIGITAL TRANSFORMATION

Venue: Hall P, room P4
Expert supervisor: Electrotechnical Association of the Czech Republic,
Ing. Jan Prokš, Ph.D., tel. +420 731 563 615, e-mail: proks@electroindustry.cz
Organiser: Ing. Ladislav Sojka, tel. +420 736 255 657, e-mail: sojka@electroindustry.cz
Admission: free; reservation required:
<https://www.electroindustry.cz/aktivity/konference/digitalni-transformace>

Programme:

The coronavirus crisis has not only accelerated the ongoing digitalisation in companies, but has especially shown the necessity of this process for the continued bare survival of companies in the medium term. In our seminar, you will learn about trends in digital transformation, how to work with data and information, and that digital transformation is especially necessary for small companies. The conference "Digital Transformation" is organized in cooperation with the member company AI check, s.r.o..

13.00–16.00

ASSEMBLY OF THE CONFEDERATION OF INDUSTRY OF THE CZECH REPUBLIC

Venue: Hall A, Rotunda
Expert supervisor: Confederation of Industry of the Czech Republic
Lukáš Martin, tel. +420 720 358 840, e-mail: lmartin@spcr.cz
Organized by: Eliška Ďomin, tel. +420 733 643 515, e-mail: edomin@spcr.cz
Petra Šeráková, tel. +420 733 643 516, e-mail: pserakova@spcr.cz
Admission: only after prior registration and by invitation only

14.00–17.00

ANNUAL PARTNER ELA BLOCKCHAIN MEETING

Venue: Hall P, room P4
Expert supervisor: Electrotechnical Association of the Czech Republic,
Ing. Jan Prokš, Ph.D., tel. +420 731 563 615, e-mail: proks@electroindustry.cz
Organiser: Ing. Ladislav Sojka, tel. +420 736 255 657, e-mail: sojka@electroindustry.cz
Admission: free; reservation required:
<https://www.electroindustry.cz/aktivity/konference/annual-partner-ela-blockchain-meeting>

Programme:

Annual conference on industrial blockchain successfully operating in the Czech Republic (and not only there). Come and learn what blockchain is, how to use it and what possibilities it offers. At the meeting you will learn practical experience of building and operating the system. You will also find out how easy it is to get involved.

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.00–17.00

CONTACT - CONTRACT 2021

B2B MEETINGS (DAY 2)

Venue: Hall A2, stand no. 07

Expert supervisor /

Organized by: Regional Chamber of Commerce Brno

Ing. Radek Kopecký, tel. +420 532 194 923, e-mail: kopeccky@rhkbrno.cz

Online registration at www.cc2021.rhkbrno.cz

Programme:

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9.00–17.00

CZECH INDUSTRY PHOTO

Venue: Hall G1

Expert supervisor /

Organized by: PROMOLIGA, Hana Krejčí, tel. + 420 792 261 144 / 730 595 962, e-mail: info@promoliga.cz, www.promoliga.cz, www.czechindustrychallenge.cz, www.czechindustryphoto.com

10.00, 12.00, 14.00, 16.00

PACKAGING LIVE

Venue: Hall A2, stand no. 42

Expert supervisor

Organized by: EQUICom s.r.o. and professional partners, see www.packaginglive.cz
Michaela Zachová, tel.: +420 603 278 091, e-mail: zachova@equicom.cz

Programme:

- Presentation of technologies in practice - robot controlled packaging line accompanied by expert commentary
- Robotization, labelling, packaging, handling, identification, palletization, distribution, information system, monitoring (Industry 4.0)

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

WEDNESDAY 10/11/2021

9.00–19.00

CZECH REPUBLIC – THE INDUSTRIAL SUPERPOWER 2028?

2nd TECHNOLOGICAL TRANSFORMATION OF THE CZECH ECONOMY

Conference within the Digital Factory 2.0 project

Venue: Hall E, room E2

Expert supervisor: Cerebrica s.r.o.

Organized by: Jazmína Sameková, tel. +420 735 645 480, e-mail: samekova@cerebrica.com,
WHATSAPP: 735 645 480, <https://www.cr2028.cz/>

Entry fee: 3 630 CZK

<https://www.smsticket.cz/vstupenky/25557-konference-cr-prumyslova-velmoc-2028>

Programme:

The international conference is focused on digital transformation in the post-covid era and the subsequent data interconnection of companies leading to increased efficiency of inter-company cooperation. The conference will focus on the definition of strategic development plans for the Czech Republic as well as case studies of successful solutions and practices.

The conference is a follow-up to the interactive exhibition "Digital Factory 2.0", which is a real demonstration of the dynamics of development in the field of digitalization. It is a unique networking of companies from all segments and a showcase of practical examples. The individual sections will present the most effective tools and practices in solving difficult areas. You will have the unique opportunity to engage in a discussion with the key "players" of Industry 4.0 and get a concrete idea of what the "Digital Factory 2.0" project means.

8.00 Registration, breakfast

9.00 – 9.30 Viktor Popovič – Opening lecture

SECTION 1: The Czech Republic as an industrial superpower?

9.30 – 10.40 Jiří Holoubek – Opening lecture

Panellists: Vladimír Mařík

SECTION 2: Artificial intelligence as a key change technology

10.40 – 11.10 Zdeněk Havelka - Opening lecture: The psychology and benefits of AI

Panellists:

Klaus Blüm- ŠKODA Auto

Lukáš Kousal - Škoda Auto: Intelieg case study

Petr Horák - Grant Thornton

SECTION 3: Evolution of digital systems - from ERP to AI, 5G networks and Blockchain and the National Recovery Plan as a financial instrument for their implementation

13.50 – 15.30 Zbyněk Bolcek - Opening lecture

Panellists:

Petr Očko – MIT

Erik Odvářka - Topwet case study

Věra Šmídová - Ela Blockchain Services

Petr Vojta - ABRA

SECTION 4: Economic Outlook of the Czech Republic - Second Transformation: Risks and Opportunities

16.00 – 17.15 Dominik Stroukal - Opening lecture

Panellists: Ondrej Horčíčka - Grantex

17.15 – 17.45 The future of the Czech Republic and health

Jan Vojáček

17.45 – 19.00 Afterparty & Networking

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

8.30 – 17.00

INTELLIGENT MANUFACTURING SYSTEMS AND THEIR MANAGEMENT

21st Conference in the Integrated Engineering in the Management of Industrial Enterprises series

Venue: Hall E, room S3

Expert supervisor: Czech Technical University in Prague - Faculty of Mechanical Engineering, Department of Business Management and Economics

Ing. Jan Lhota, Ph.D., tel. +420 224355 798, e-mail: jan.lhota@cvut.cz, iivrpp@fc.cvut.cz

Organized by: Ing. Pavel Scholz, tel.: +420 224 355 797, +420 224 355 798, e-mail: iivrpp@fc.cvut.cz

Programme:

Are you involved in industrial production and do you find it increasingly difficult to stay competitive? Do you feel that labour productivity in your company is stagnating? Are you unable to fully meet the increasingly specific and demanding production needs of your customers, the growing variety of products and to adapt to the current market conditions? Or are you simply interested in current and future trends in manufacturing and their applications? Then the 21st edition of the conference is for you.

The aim of the conference will be to find the right ways to address the above-mentioned concerns and pressing issues. In this respect, the presentations, discussions, poster sessions and the proceedings will focus on the application and use of modern tools, methods and technologies in the practice of industrial enterprises. The issues of design, optimization and effective management of corporate production and logistics processes, systems and technologies will be discussed in particular.

08:30 - 09:00 Registration of participants

09:00 - 09:30 Opening of the conference

09:30 - 12:00 Session 1 - Lectures by experts

12:00 - 13:00 Lunch

13:00 - 17:00 Session 2 - PhD Section

More information about the conference and names of speakers (added gradually) at

<http://www.rep.fs.cvut.cz/konference/>

9.00–12.30

VERIFICATION AND INSPECTION OF ELECTRICAL EQUIPMENT OF WORKING MACHINERY ACCORDING TO ČSN EN 60204-1 ED. 3

Venue: On-line (live)

Expert supervisor /

Organized by: ElektroPrůmysl.cz - Bc. Jaroslav Bubeníček, tel. +420 608 883 480, e-mail: jb@elektroprumysl.cz

Programme:

9.00 – 9.05 Opening of the seminar

9.05 - 10.30 Verification of electrical equipment of working machinery according to ČSN EN 60204-1 ed. 3, ch. 18 and in connection with to a number of ČSN 33 2000 standards

- Verification of connectivity of the protection circuit.
- Verification of protection by automatic disconnection.
- Insulation resistance test.
- Voltage tests.
- Protection against residual voltage.
- Verification that protective bonding requirements for electrical equipment with leakage earth currents greater than 10 mA AC or DC are met.
- Functional tests.

10.45 - 12.00

- Demonstration measurement according to ČSN EN 60204-1 ed. 3, chapter 18 on simple machinery.
- Preparation of the verification report.

12.00 - 12.30 Discussion and end of the event.

12.30 - 17.00 Individual visit to the fair

Presenter: Filip Němeček, SYSTEMOTRONIC, s.r.o., Technical advisor in the field of machinery safety, TÜV Functional Safety Technician 094/14

Registration / details:

<https://www.elektroprumysl.cz/webinare/overovani-a-kontroly-elektrickyh-zarizeni-stroju-dle-csn-en-60204-1-ed-3>

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.30-12.30

SWISS INNOVATION FORUM

Venue: Hall P, room P4

Partners: Embassy of Switzerland, Swiss Business Hub Central Europe, Switzerland Global Enterprise, HSSR

Organiser: HST Chamber of Commerce Switzerland-Czech Republic, Barbara John, tel. +420 725 030 513, e-mail: bjohn@hst.cz

Programme:

9.30 – 9.45

Registration

9.45 – 10.00

Welcoming address:

- Jiří Jirkovský, Vice president HST
- Philippe Guex, Swiss Ambassador in Czechia
- Alexander Hoffet, Swiss Ambassador in Slovakia

10.00 – 10.15

Keynote speech:

Innovation & Talents: Two competitive pillars for the Swiss industry, Prof. Nabil Ouerhani, Haute Ecole Arc Neuchatel

10.15 – 11.00

Presentation of Swiss Companies: Case Studies and References by Bistronic, Heule and SFS

- Bystronic Czech Republic: Smart factory solution – Hugo Allemann, Senior VP of Market Division CE
- Heule Werkzeuge AG: Deburring of Cross Bores – The COFA-X Technology – Tomáš Tymkovic, National Sales Manager
- SFS Group CZ: SFS Centre of Excellence for threaded fasteners – Petr Gillar, General Manager

11.00 – 11.30

Panel discussion „Trends & Innovation driving the Swiss Industry” with representatives of: Bystronic Czech Republic, Heule Werkzeuge AG, SFS Group CZ and with Prof. Nabil Ouerhani, Haute Ecole Arc Neuchatel and Pavol Adamec, Executive Director, KPMG Slovakia.

Presentation: Jiří Jirkovsky, Vice president HST

11.30 – 11.40

Closing words: Katalin Dreher-Hajnal, Senior Consultant CEE, S-GE

Adam Szugajew, Trade Officer, Swiss Business Hub CE

11.40 – 12.30

Networking

9.30–11.30

HOW TO ENTER THE MARKETS OF THE USA, INDIA, KAZAKHSTAN AND BRAZIL (AND NOT ONLY THERE)

Venue: RHK Brno

Expert supervisor: CzechTrade Czech Export Promotion Agency
Mgr. Monika Dostálová, tel. +420 224 907 532, e-mail: monika.dostalova@czechtrade.cz

Registration: <https://www.czechtrade.cz/kalendar-akci/archiv-akci/jak-prorazit-na-trhy-usa -indie -kazachstanu-a-brazilie>

Programme:

Are you looking for new business partners and opportunities to expand to different foreign markets?

Do you know how CzechTrade can support your business activities?

- New CzechTrade services for exporters (not only in the USA, India, Kazakhstan or Brazil):
 - Market Entry (basic market research according to individual client needs)
 - Export alliances (benefits for Czech companies operating in the same industry)
 - Comprehensive assistance services (sharing of office space, support for financial operations, company formation and registration, finding local staff, etc.)
 - Export incubators in the USA, India, Kazakhstan or Brazil (use of local address for communication with foreign partners)
- Current export opportunities in the USA, India, Kazakhstan and Brazil
- Optimal forms of entry into these markets
- INDIVIDUAL CONSULTATIONS with directors of CzechTrade's foreign offices

Jan Kubata, Director of Services for Exporters at CzechTrade, will present new possibilities for supporting Czech companies in foreign markets through Export Incubators, Export Alliances and Comprehensive Assistance Services.

Export opportunities in the USA, India, Kazakhstan and Brazil, recommended steps for entering those markets, the prerequisites for success and business practices will be presented by the directors of CzechTrade's foreign offices: Luboš Matějka, director of CzechTrade's foreign office in the USA, Ivan Kameník, director of CzechTrade's foreign office in India, Petr Jurčík, director of CzechTrade's foreign office in Kazakhstan and Jan Michálek, director of CzechTrade's foreign office in Brazil.

You can enter the event without a ticket to the fair. It is therefore not intended exclusively for companies participating in MSV Brno.

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.30–12.30

VOCATIONAL EDUCATION AND TRAINING IN THE ENERGY SECTOR

Venue: Hall E, room S1

Expert supervisor: Czech Union of Employers in the Energy Sector
Ing. Štěpán Harašta, tel.: +420 737 203 655

Organized by: Ing. Kateřina Janatková, tel.: +420 602 312 886, e-mail: janatkova@csze.cz

Programme:

The content of the conference will focus on the interconnection of the Framework Educational Programmes in Secondary Vocational Education and Further Vocational Education - the National Occupational System, the Act on Occupational Safety in Connection with the Operation of Dedicated Technical Equipment and on Amendments to Related Acts, etc.

The essence of the professional conference will not be the institutional status of the National Qualifications System bodies, but the actual educational programmes and their content linking the teaching of energy fields in secondary vocational schools and higher vocational schools and further vocational education.

9.30–17.00

INDUSTRIAL SAVINGS 2021: SUSTAINABLE DEVELOPMENT IN UNCERTAIN TIMES

Venue: Hall P, room P1

Organiser: Trade Media International s.r.o.
Lukáš Smelík, tel.: +420 777 793 393, e-mail: lukas.smelik@trademedia.cz,
seminare@trademedia.cz

Registration: www.konference-uspory.cz

Programme:

The Savings in Industry Conference is back where it started. Ten years ago at the International Engineering Fair, we began regularly charting a theme that focuses on one thing common to every industrial enterprise. It wants to produce at optimum cost and doesn't want to waste. Year after year, we have been convinced that although the topic of savings is a strong incentive to save, the opposite is true. Yet every penny invested, or invested correctly, can result in the elimination of waste in the future at a much higher level. As well as the financial aspects of the measures, the composition of the event goes hand in hand with the theme of sustainable development. Reducing energy consumption in production, correct use of waste water, eliminating waste in compressed air, ecological and efficient lubrication of machines, managing consumption with modern information systems - these are the topics that can steer companies successfully towards sustainable development. Industrial savings are not about saving money, they are about strategies to ensure a sustainable, waste-free enterprise. Our conference is focused on exactly that.

For the full programme and more information visit www.konference-uspory.cz

10.00–12.00

MEETING OF THE CZECH-INDONESIAN JOINT COMMISSION FOR ECONOMIC COOPERATION

Venue: Hall A, room Brno

Expert supervisor: Ministry of Industry and Trade of the Czech Republic

10.00–15.30

DIGITALIZATION OF THE PRODUCTION ECOSYSTEM FOR THE EMERGENCE OF THE SMART FACTORY

Venue: Hall E, room S2

Expert supervisor: dataPartner s.r.o., Ing. Ladislav Reisner, tel.: +420 380 420 140,
e-mail: obchod@datapartner.cz

Organized by: dataPartner s.r.o., Ing. Jana Jánová, tel.: +420 380 420 143, +420 724 379 533,
e-mail: janova@datapartner.cz

Programme:

The main goal of Industry 4.0 is to collect and share all automatically generated information by each production component and machine to work optimally together in a production ecosystem or factory. Real success is then achieved by analyzing this information to gain actionable insights that translate into corrective actions or operational efficiencies that can be continuously implemented in a smart factory environment to make it more competitive. This is no small task as the data must be aggregated, analyzed and redistributed to all levels of processing between the sensor and the server. The seminar will discuss in detail the functionalities and methods of implementation and deployment of each level of the production ecosystem. Much attention will be paid to the KINGSTAR software platform for creating flexible machine controllers and the MES PATRIOT manufacturing information system. The seminar is intended for the general technical public.

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

The morning session (10-12.30) is intended primarily for machine designers, machine control developers and competent employees of manufacturing companies

Topic: INTELLIGENT CONTROL UNIT AS A BREAKTHROUGH IN MACHINE ARCHITECTURE

Guest: Fabrice Boisset from IntervalZero – General Manager for the EMEA region

- Moving from hardware architecture to intelligent software architecture
- Driver modularity as a path to flexibility for high production variability
- Standardization of hardware and software for high availability and protection of investment
- KINGSTAR automation platform for creating intelligent machine drivers

The afternoon session (from 13-15.30) is designed for owners and executive management and competent personnel of manufacturing companies

Topic: PRODUCTION PLANNING AND CONTROL OPTIMISED ACCORDING TO MONITORED PARAMETERS

Guest: doc. Dr. Ing. Ivo Formánek from DTO CZ - expert in industrial engineering and management and optimization of company processes and projects

- Machine data acquisition, integration of machine drivers with the production information system
- Analysis of production monitoring data and feedback for optimization
- Variability of production planning with respect to specific product line capabilities
- Use of augmented reality in the day-to-day operation of a production plant
- Modern maintenance management information system

11.00–11.40

TAIWAN EXCELLENCE PUSHING THE BOUNDARIES OF SMART MANUFACTURING

WEBINAR

Expert supervisor: Bureau of Foreign Trade, MOEA, Taiwan, R.O.C, Taiwan External Trade Development Council

Organizations: E-mail: chou@taitra.org.tw or alexandra.drozdova@bestcq.com

Registration: Please register by clicking the [here](#), and then the livestream link will be sent to you 2 days before the event day.

Programme:

11.00-11.02	Warming-Up
11.02-11.07	Welcome Remarks Taiwan Machine Tool & Accessory Builders' Association (TMBA) Mr. Wen-Hsien Hsu Chairman
11.07-11.12	HIWIN Intelligent Motion Control Product Introduction HIWIN TECHNOLOGIES CORP. Mr. Maurice Chang, Senior Director Marketing Group
11.12-11.17	High Efficiency System for Automatic Production JEENXI TECHNOLOGY CO., LTD. (Sunmill) Ms. Lucy Chen Special Assistant
11.17-11.22	FFG Smart Manufacturing and Future Opportunities Fair Friend Enterprise Co., Ltd. (FFG) Mr. Miro Lin, General Manager of Intelligent Manufacturing & Data Services Div.
11.22-11.27	Make a Move to Intelligent Manufacturing Tongtai Machine & Tool Co., Ltd. Mr. Jolly Wu Sales Assisted Manager
11.27-11.32	How to Embrace Smart Manufacturing Post COVID-19 to Increase Machining Efficiency and Resilience AXILE Machine (Buffalo Machinery) Ms. Erica Tsai Sales Manager

12.00–16.00

CZECH-INDONESIAN BUSINESS FORUM AND B2B

Venue: BVV Administration building, room 102

Expert supervisor: Ministry of Industry and Trade of the Czech Republic

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.00–17.00

CONTACT - CONTRACT 2021

B2B MEETINGS (DAY 3)

Venue: Hall A2, stand no. 07

Expert supervisor /

Organized by: Regional Chamber of Commerce Brno

Ing. Radek Kopecký, tel. +420 532 194 923, e-mail: kopeccky@rhkbrno.cz

Online registration at www.cc2021.rhkbrno.cz

Programme:

Traditional international "Contact-Contract" B2B event is a unique opportunity to increase competitiveness and identify new markets and business partners. It is a joint project of the Brno Regional Chamber of Commerce, Czech and foreign partners belonging to the Enterprise Europe Network (EEN), chambers of commerce and BVV Trade Fairs Brno, a.s.

If you are interested in tailor-made meetings, this event combines the advantages of trade fair participation and the increasingly popular matchmaking: bilateral pre-arranged meetings with a precise timetable.

9.00–17.00

CZECH INDUSTRY PHOTO

Venue: Hall G1

Expert supervisor /

Organized by: PROMOLIGA, Hana Krejčí, tel. + 420 792 261 144 / 730 595 962, e-mail: info@promoliga.cz, www.promoliga.cz, www.czechindustrychallenge.cz, www.czechindustryphoto.com

10.00, 12.00, 14.00, 16.00

PACKAGING LIVE

Venue: Hall A2, stand no. 42

Expert supervisor /

Organized by: EQUICom s.r.o. and professional partners, see www.packaginglive.cz

Michaela Zachová, tel.: +420 603 278 091, e-mail: zachova@equicom.cz

Programme:

- Presentation of technologies in practice - robot controlled packaging line accompanied by expert commentary
- Robotization, labelling, packaging, handling, identification, palletization, distribution, information system, monitoring (Industry 4.0)

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

THURSDAY 11/11/2021

9.00–12.00

INDUSTRIAL EQUIPMENT AND INSTALLATIONS, THEIR PROTECTION AGAINST LIGHTNING AND OVERVOLTAGE AND NOT ONLY THAT

Venue: On-line (live)

Expert supervisor /

Organized by: ElektroPrůmysl.cz - Bc. Jaroslav Bubeníček, tel. +420 608 883 480,
e-mail: jb@elektroprumysl.cz

Programme:

- 9.00 - 10.00 Extending the lifetime of industrial applications, reducing operation and maintenance costs.
Lecturer: Jan Hájek, DEHN s.r.o., co-author of the Lightning Protection Book
- 10.10 - 10.40 Demonstration of an industrial installation for the storage and handling of flammable liquids.
Lecturer: Lukáš Rotrekl, DEHN s.r.o.
- 10.50 - 12.00 Simplifying the design of lightning protection for production equipment.
Lecturer: Jan Hájek, DEHN s.r.o., co-author of the Lightning Protection Book

Registration / Details

<https://www.lpe.cz/odborna-skoleni/prumyslova-zarizeni-a-instalace-jejich-ochrana-pred-bleskem-a-prepetim-a-nejen-to>

9.00–13.00

RESILIENCE, STABILITY AND SAFETY OF POWER SYSTEMS

Venue: Hall E, room E4

Expert supervisor: Czech Union of Employers in the Energy Sector
Ing. Richard Vidlička, MBA, Member of the Board of Directors and Director, tel.: +420 222 250 320, e-mail: vidlicka@csze.cz, csze@csze.cz

Organized by: Martina Jaroušková, sekretariát ČSZE, tel. +420 777 440 525, e-mail: jarouskova@csze.cz

Programme:

9.30 – 9.45

Conference opening

Ing. Richard Vidlička, MBA, ČSZE Member of the Board of Directors and Director

9.45 – 10.05

Cyber security in the energy sector in relation to Czech and EU legislation

JUDr. Michal Jedlička, Public Affairs, ČEZ, a. s.

10.05 – 10.35

Critical Infrastructure Protection in ČEPS Conditions

PhDr. Martin Bílek, Ph.D., Director of Security, ČEPS, a.s.

10.35 – 11.05

Will energy remain affordable for all?

Prices as one of the factors of energy security

Ing. Jiří Gavor, CSc., Executive Director, ANDE

11.05 – 11.35

Reliability and resilience of distribution networks EG.D, a.s.

Ing. Daniel Kouba, Ph.D., network management, EG.D, a.s.

11.35 – 12.35

Security of power systems in the light of current threats

Gen. Ing. Andor Šándor, Security Advisor

12.35 – 12.45

Discussion, conclusion

Ing. Richard Vidlička, MBA, ČSZE Member of the Board of Directors and Director

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.00–13.30

DESIGN, INSTALLATION AND MONITORING OF CHARGING STATIONS FOR ELECTRIC VEHICLES

Venue: On-line (live)

Expert supervisor /

Organized by: ElektroPrůmysl.cz - Bc. Jaroslav Bubeníček, tel. +420 608 883 480,
e-mail: jb@elektroprumysl.cz

Programme:

9.00 – 9.05 Opening of the seminar

9.05 - 10.30

- How to select, connect and control charging stations.
- Electromobility and different types of charging stations.
- Requirements of standards in their design and operation.

- We can advise you on how to choose a charging station according to the type of driver, car, battery capacity and the size of the charging fleet.

- You will find out other options for connecting to the distribution network - centralised and decentralised power distribution.

- We will advise you on how to deal with limited capacity in single-family homes, apartment buildings and parking lots.

- Solutions for single-family homes, apartment buildings and office buildings.

Lecturer: Ing. Leoš Kabát, Schneider Electric

10.45 - 11.30

- Charge controllers and residual current monitors.

Lecturer: Ing. Roman Smékal and Ing. Šenberger, GHV Trading s.r.o.

11.30 - 12. 00

- Regulation on the installation of charging points in buildings - European Directive 2018/844 implemented in the decree 268/2009 Coll.

Lecturer: Ing. Jiří Horák, LPE s.r.o. Methodologist

12.00 – 13.00

- Requirements for cable preparation for charging stations and news on charging stations.

Lecturer: Jan Franěk, Hager Electro s.r.o.

13.00 - 13.30 Discussion and end of the event.

13.30 - 17.00 Individual visit to the fair

Registration / Details

<https://www.elektroprumysl.cz/webinare/projektovani-instalace-a-monitoring-dobijecich-stanic-pro-elektromobily>

9.00–17.00

EPAL EUROPEAN PALLET ASSOCIATION PALLET DAY

Venue: Hall A, Morava room

Expert supervisor

and organiser: EPAL Regional Committee for the Czech and Slovak Republics
Milan Kovařík, tel.: +420 720 970 819, e-mail: milan.kovarik@csepal.org

Programme:

- EPAL, history of pallets and UIC/EPAL, portfolio presentation
- The quality of EPAL pallets
- Current situation on the wood and pallet market
- Intelligent pallets (iPAL) and innovations in EPAL
- Packaging labelling of using inkjet printing
- Presentation by the Customs Administration of the Czech Republic
- Presentation of the Financial Administration of the Slovak Republic
- Presentation by ÚKZÚZ - state authority for IPPC
- Risks and insurance in transport and logistics

PROFESSIONAL SUPPORTING PROGRAMME

As of 5.11.2021, subject to change

9.00–17.00

MODERN TECHNOLOGIES IN THE PLASTICS INDUSTRY

Venue: Hall P, room P1
Organiser: Trade Media International s.r.o.
Lukáš Smelík, tel.: +420 777 793 393, e-mail: lukas.smelik@trademedia.cz,
seminare@trademedia.cz
Registration: www.konference-plasty.cz
Programme:

In 2020, news from the plastics industry has not yet been successfully introduced. The intervention of a higher power in the spring period prevented the traditional Moulds and Plastics conference from taking place. The planned PLASTY 2020 conference from Trade Media International had to face an obstacle; its announced inclusion in PLASTEX was not possible due to the cancellation of the fair. The physical conference, which will be part of this year's MSV 2021, thus finally presents a meeting and platform for industry news that will once again bring interesting tips for the sector. Do you represent a segment of the plastics industry? Do you want to know what's next for the market (including technological aspects)? This is the one event you must not miss!

For the full programme and more information visit: www.konference-plasty.cz

9.00–17.00

CZECH INDUSTRY PHOTO

Venue: Hall G1
Expert supervisor /
Organized by: PROMOLIGA, Hana Krejčí, tel. + 420 792 261 144 / 730 595 962, e-mail: info@promoliga.cz,
www.promoliga.cz , www.czechindustrychallenge.cz , www.czechindustryphoto.com

10.00, 12.00, 14.00, 16.00

PACKAGING LIVE

Venue: Hall A2, stand no. 42
Expert supervisor
a Organized by: EQUICom s.r.o. and professional partners, see www.packaginglive.cz
Michaela Zachová, tel.: +420 603 278 091, e-mail: zachova@equicom.cz

Programme:
- Presentation of technologies in practice - robot controlled packaging line accompanied by expert commentary
- Robotization, labelling, packaging, handling, identification, palletization, distribution, information system, monitoring (Industry 4.0)

FRIDAY 12/11/2021

9.00–16.00

CZECH INDUSTRY PHOTO

Venue: Hall G1
Expert supervisor /
Organized by: PROMOLIGA, Hana Krejčí, tel. + 420 792 261 144 / 730 595 962, e-mail: info@promoliga.cz,
www.promoliga.cz , www.czechindustrychallenge.cz , www.czechindustryphoto.com

10.00, 12.00, 14.00

PACKAGING LIVE

Venue: Hall A2, stand no. 42
Expert supervisor
a Organized by: EQUICom s.r.o. and professional partners, see www.packaginglive.cz ,
Michaela Zachová, tel.: +420 603 278 091, e-mail: zachova@equicom.cz

Programme:
- Presentation of technologies in practice - robot controlled packaging line accompanied by expert commentary
- Robotization, labeling, packaging, handling, identification, palletization, distribution, information system, monitoring (Industry 4.0)