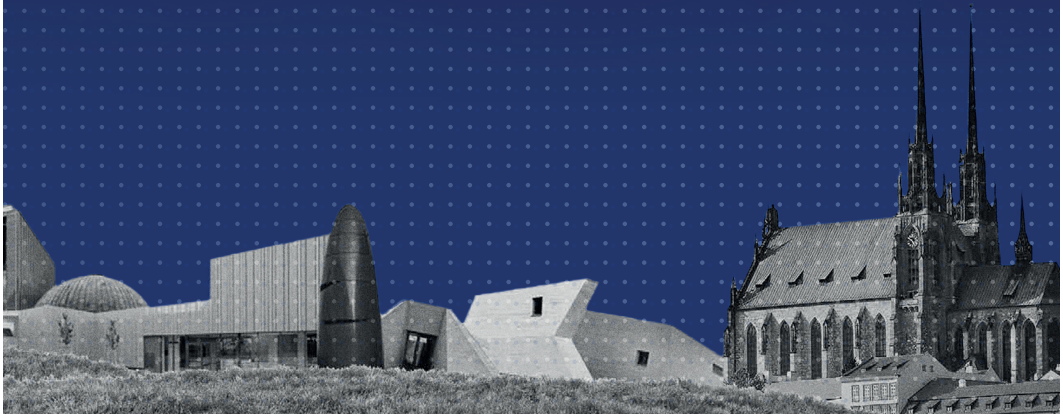
BUSINESS MISSION
TO THE UNITED KINGDOM



IMC21

The 21st International Microscopy Congress
31 August - 4 September 2026 | Liverpool, UK

CENTRE FOR INTERNATIONAL TRADE

B R N O

CZECH CHAMBER OF COMMERCE
BRNO REGIONAL CHAMBER OF COMMERCE

BRNOREGION MICROSCOPY

Why business **in Brno is IN**

The qualification level in the city ranks amongst the highest, with more than 14,500 new college and university graduates per year.

- Brno is the centre of great ideas. Brno is safe and creative. Every third electron microscopy in the world comes from Brno, turbochargers made in Brno hide under the bonnets of formula 1 cars, and even the legendary computer game Mafia was made here.
- Global antivirus giants developing cybersecurity are also at work in Brno, and surely you can guess where the most comprehensive borreliosis diagnostics in the world come from?
- Since 2010, Brno has supported the Brno Expat Centre, which cares for 1,500 foreign experts every year.
- Brno has more than 20 years of experience in supporting innovation in the Czech Republic. It implemented the first innovation strategy back in 2002.

Why science **in Brno is IN**

Brno is a university town.
Nearly 68,236 students study at its universities, while another 5,000 continue along the scientific path.

- We support young talents. As part of the Brno Ph.D. Talent program, we've distributed nearly 90 mil. CZK since 2009 amongst 332 the young and talented doctorates from local universities.
- 24 grant holders from the European Research Council operate here as well as members from the prestigious European Molecular Biology Organisation and European Hematology Association.
- The local science/research institutions are dedicated primarily to biology, medicinal science, material research, and nanotechnology. They stand amongst the most successful minstitutions in the Czech Republic and Europe in receiving international grants.
- The Science and Technology Festival, the Days of Electron Microscopy, or Prototype? Brno lives for science and the events that popularise it for both the general and professional public.

BRNOREGION
MICROSCOPY



Brnoregion Microscopy Hub:

Home to world-class microscopy, where every third electron microscope is born

Brnoregion Microscopy Ecosystem

A unique ecosystem built on strong collaboration between academia, industry and the public sector

World-class science, research, innovation & industry

70+
years of electron microscopy tradition

1/3
of global production of electron microscopes

€ 1.5 billion
turnover generated by regional leaders

3,000+
professionals working directly in the sector

ADVASCOPE · BEAMSHAPE · BRNO · TESCAN · TESCAN

CZECH OPTICAL CLUSTER

Stakeholders of Brnoregion Microscopy:

BRNO UNIVERSITY OF TECHNOLOGY · CEITEC · INSTITUTE OF SCIENTIFIC INSTRUMENTS The Czech Academy of Sciences · DI · delong instruments · IPM · JIC · Jiří Očadlík · Mendel University in Brno · MUNI · FUTURE SHAPERS · NenoVision · Radka Martínková · Tescan A SHIMADZU COMPANY · ThermoFisher SCIENTIFIC · IQS NANO · jcmm

and more. · SciCanvas · Vivanto · LIGHTIGO · jihomoravský kraj

What We Do



Community

Supporting sharing, attracting new talent, education and development within the ecosystem.

Promotion & PR

Coordinated awareness raising about (electron) microscopy in the region and worldwide.

Education & Excellent Science

Developing microscopy talent and advancing scientific excellence.

Commercialisation Support

Transfer of research results into practice, support of spin-offs.

120 Seconds: Meet Brnoregion Microscopy

- Our flagship community meet-up
- 20 projects presented in 120 seconds, twice a year, with over 120 participants per event
- New contacts and inspiration
- Opportunities for cooperation
- Networking across science and industry

Discover Brnoregion Microscopy

Brno, Czech Republic, is located in the heart of Europe.

Live and work in a safe, vibrant European city with an exceptional quality of life.

Join a globally connected community shaping the future of electron microscopy.



Contact Us

www.brnoregion-microscopy.com

Brnoregion Microscopy

Get Involved

Study
Research
Innovate

Collaborate
Visit Brno
Join our community

EMPOWERED BY JIC



Participating **Companies**

ADVASCOPE
BEAMSHAPE
BRNO REGIONAL CHAMBER OF COMMERCE
CSMS
MUNI CEITEC
delong instruments — your way to electron microscopy...
DLS since 1999
IPM
LIGHTIGO — LIGHT UP YOUR ANALYSIS
INSTITUTE OF SCIENTIFIC INSTRUMENTS — The Czech Academy of Sciences
Mendelova univerzita v Brně
NenoVision
Tescan — A SHIMADZU COMPANY

ORGANISATION NAME:
ADVASCOPE

WEBSITE:
WWW.ADVASCOPE.CZ

FULL NAME:
NEMANJA PAJOVIC

JOB TITLE / POSITION:
SALES AND PROJECT MANAGER

EMAIL ADDRESS:
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PHONE/MOBILE:
+420 722 497 582

VCARD:

Brief description of your organisation and its activities
AdvaScope delivers bespoke solution for electron microscopy.

We are a team dedicated to developing and producing the most advanced hybrid pixelated electron detectors for electron microscopy and based on technology developer in CERN.

Our team covers all aspects of detector design and manufacture, high speed readout electronics and bespoke software developments. We provide the most flexible detector design, long term support and the most advanced detectors on the market.

In which areas of electron / optical microscopy does your organisation operate?
Electron microscopy (SEM / TEM / FIB).

Other area of activity
-

Preferred type of collaboration / support
Commercial / distribution partnership, Research and development (R&D) collaboration, Help entering a foreign market, Support with promotion abroad, Connecting with academic institutions abroad.

Other type of collaboration
-

Target foreign markets or regions
United Kingdom, Ireland, Western Europe, North America, Asia-Pacific.

Other target market
-

How does your organisation plan to participate in IMC 2026?
Active participation - exhibition / own booth.

What specifically do you want to present or achieve at IMC 2026?
We will present our existing products and share info about the new products and projects we are preparing.

ADVASCOPE

ORGANISATION NAME:
BEAMSHAPE

WEBSITE:
WWW.BEAMSHAPE.COM

FULL NAME:
PETR MARES

JOB TITLE / POSITION:
CEO

EMAIL ADDRESS:
PETR.MARES@BEAMSHAPE.COM

PHONE/MOBILE:
+420 775 249 720

VCARD:

Brief description of your organisation and its activities
BeamShape is a deep-tech e-beam, company. We specialize in advanced electron beam hardware and proprietary electron optics. Our mission is to build critical hardware technologies for European industrial sovereignty. We are a fast-growing, funded team of physicists and engineers with deep roots in Brno's world-class electron microscopy ecosystem.

In which areas of electron / optical microscopy does your organisation operate?
We provide high-end engineering solutions and hardware in the field of electron beam technology:

Industrial EBM Systems: Development of industrial Electron Beam Melting (EBM) machines for processing refractory and strategic metals (e.g., Tungsten, Titanium), offering high precision for demanding industries like aerospace and energy.

OEM R&D Services: We offer specialized R&D and engineering consultancy for the design, simulation, and optimization of electron optical columns and e-beam-based systems for third-party manufacturers.

Simulation Software: We are the commercial distributor for EOD (Electron Optical Design), a state-of-the-art simulation suite used for comprehensive modeling of electron optical systems, including emission and space charge analysis.

Other area of activity
Metal additive manufacturing.

Preferred type of collaboration / support
Our primary goal at IMC Liverpool is to establish strategic OEM and R&D partnerships in the field of electron microscopy and advanced electron optics. Additionally, we are actively seeking to connect with potential users, academic institutions, and industrial partners for our EOD (Electron Optical Design) simulation software to expand its global distribution.

Other type of collaboration
-

Target foreign markets or regions
Current export markets: EU, Asia (R&D partnerships), Worldwide (software distribution).
Current import markets: USA (specialized UHV components, advanced electron emitters).

Other target market
-

How does your organisation plan to participate in IMC 2026?
Active participation - Brno Microscopy Booth.

BEAMSHAPE

ORGANISATION NAME:

BRNO REGIONAL CHAMBER OF COMMERCE

WEBSITE:
WWW.RHKB.CZ

FULL NAME:
OTO HRDLICKA

JOB TITLE / POSITION:
HEAD OF FOREIGN AFFAIRS DEPT.

EMAIL ADDRESS:
HRDLICKA@RHKB.CZ

PHONE/MOBILE:
+420 604 449 067

VCARD:

BRNO REGIONAL CHAMBER OF COMMERCE

Brief description of your organisation and its activities

Brno RCC is a key strategic partner for companies in and around Brno. We provide essential information, consulting, and education to a network of 400 member companies and over 20,000 annual clients, ensuring the South Moravian Region remains a hub for business excellence.

We make international growth a priority for #brnoregion. To sharpen the competitive edge of local SMEs, Brno RCC provides a gateway to global markets through expert consulting, specialized training, and strategic information services. From organizing high-impact B2B matchmaking events like Contact-Contract to leading incoming and outgoing business missions, we bridge the gap between local innovation and international opportunity.

In which areas of electron / optical microscopy does your organisation operate?

Other (please specify below).

Other area of activity

Business Development.

Preferred type of collaboration / support

Help entering a foreign market, Support with promotion abroad.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:

CEITEC MASARYK UNIVERSITY

WEBSITE:
WWW.MUNI.CZ

FULL NAME:
JIRI NOVACEK

JOB TITLE / POSITION:
CRYO-EM FACILITY HEAD

EMAIL ADDRESS:
JIRI.NOVACEK@CEITEC.MUNI.CZ

PHONE/MOBILE:
+420 777 972 683

VCARD:

MUNI
CEITEC

Brief description of your organisation and its activities

CEITEC Masaryk University (CEITEC MU) is a leading interdisciplinary research institute located at Masaryk University. The institute focuses on fundamental and applied research aimed at understanding biological systems across multiple scales—from molecules to organisms—and translating this knowledge into applications that improve human health and quality of life. Its main scientific areas include structural biology, molecular medicine, genomics and proteomics of plant systems, and neuroscience. A defining feature of CEITEC MU is its emphasis on advanced research infrastructure. The institute hosts cutting-edge core facilities equipped with technologies such as high-resolution microscopy, genomics platforms, proteomics, and bioinformatics tools, which are accessible to both academic and industrial users. The core facilities are active partners of the European Research Infrastructure Consortia (ERICs) such as Instruct, Euro-Bioimaing or Elixir and provide their services to users from across the continent. Overall, CEITEC Masaryk University represents a flagship research institute in Central Europe, combining excellent infrastructure, interdisciplinary expertise, and international collaboration to address fundamental questions in biology and medicine while contributing to innovation and technology development.

In which areas of electron / optical microscopy does your organisation operate?

Electron microscopy (SEM / TEM / FIB), Light / fluorescence microscopy, Atomic force microscopy (AFM), Sample preparation and accessories, Life sciences / biology applications, Industrial inspection and quality control.

Other area of activity

-

Preferred type of collaboration / support

Commercial / distribution partnership, Research and development (R&D) collaboration, Connecting with academic institutions abroad, Investment / funding.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland, Central and Eastern Europe, Middle East.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:

CZECHOSLOVAK MICROSCOPY SOCIETY (CSMS)

WEBSITE:

WWW.MIKROSPOL.CZ

FULL NAME:

KAMILA HRUBANOVA

JOB TITLE / POSITION:

PRESIDENT OF THE SOCIETY

EMAIL ADDRESS:

INFO@MIKROSPOL.CZ

PHONE/MOBILE:

+420 773 639 872

VCARD:

Brief description of your organisation and its activities

The Czech and Slovak Microscopy Society brings together scientists, educators, technical specialists, and professionals working in all fields of microscopy. Its mission is to support the development of microscopy, foster collaboration and knowledge exchange, and contribute to the education of young scientists.

In which areas of electron / optical microscopy does your organisation operate?

CSMS organizes conferences, courses, and professional activities, recognizes outstanding contributions through the CSMS Award, and represents the community internationally through cooperation with European and global microscopy organizations.

Other area of activity

-

Preferred type of collaboration / support

-

Other type of collaboration

-

Target foreign markets or regions

The Society does not operate in export markets in a commercial sense. Its main area of activity is the Czech Republic and Slovakia, with international outreach primarily within Europe through cooperation with European microscopy societies, participation in the European Microscopy Society, and co-organization of the Multinational Congress on Microscopy. Through its membership in the International Federation of Societies for Microscopy, the Society also maintains links with the global microscopy community.

The Society does not import products or services in a commercial sense. Its international input comes mainly from European and global microscopy networks, partner microscopy societies, international congresses, and invited experts, through which it exchanges know-how, educational content, and scientific expertise.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:

DELONG INSTRUMENTS A. S.

WEBSITE:

WWW.DELONG.CZ

FULL NAME:

JAROMIR BACOVSKY

JOB TITLE / POSITION:

APPLICATION MANAGER

EMAIL ADDRESS:

JAROMIR.BACOVSKY@DELONG.CZ

PHONE/MOBILE:

+420 607 716 702

VCARD:

Brief description of your organisation and its activities

Delong Instruments is a Czech high-tech company based in Brno, active in electron optics micro and nanotechnology since 1992. The company develops and manufactures compact low-voltage transmission electron microscopes (LVEM), Schottky electron guns under the DIGUN brand, and custom electron-optical and OEM solutions for scientific and industrial partners worldwide.
Our key products include the world's smallest transmission electron microscopes (LVEM5, LVEM25E), designed to make advanced electron microscopy more accessible, practical and affordable for everyday laboratory use. Delong Instruments also provides specialized components, development and engineering services, prototype manufacturing, and tailored systems built from initial concept to final device.
The company serves customers across research, university, industrial and OEM markets, supporting applications in materials science, nanotechnology, life sciences, diagnostics, and other advanced R&D fields. Its technologies are used by scientists and engineers who need high-contrast imaging, compact instrumentation, and flexible electron-optical solutions for both research and applied innovation.
Building on the legacy of Professor Armin Delong, a pioneer of electron microscopy in Czechoslovakia, Delong Instruments combines deep scientific know-how with practical engineering to deliver reliable, user-friendly instruments and custom solutions to global partners.

In which areas of electron / optical microscopy does your organisation operate?

We develop and manufacture low-voltage transmission electrons microscopes, including the LVEM5 and LVEM25E.
Our products and services include:

- Low-voltage transmission electrons microscopes: LVEM5 and LVEM25E,
- Schottky electron guns,
- Custom solutions, including development and engineering services, OEM solutions and special components from the initial proposal through to a proven prototype.

Other area of activity

-

Preferred type of collaboration / support

Commercial / distribution partnership, Help entering a foreign market, Support with promotion abroad, Connecting with academic institutions abroad.

Other type of collaboration

-

Target foreign markets or regions

Worldwide.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - exhibition / own booth.

ORGANISATION NAME:

DI INDUSTRIAL SPOL. S R.O.

WEBSITE:

WWW.DIINDUSTRIAL.COM

FULL NAME:

PAVEL SEDLACEK

JOB TITLE / POSITION:

CEO

EMAIL ADDRESS:

PAVEL.SEDLACEK@DIINDUSTRIAL.COM

PHONE/MOBILE:

+420 734 258 130

VCARD:

Brief description of your organisation and its activities

DI industrial is a Czech engineering company based in Brno, specializing in the manufacturing of high-precision components, sub-assemblies, and complete systems for demanding technical applications. The company primarily serves customers in the fields of electron microscopy, vacuum technology, and cryogenics—industries where extreme precision, cleanliness, and reliability are essential.

Acting as a one-stop-shop partner, DI industrial provides a fully integrated production chain under one roof. Its capabilities include CNC and conventional machining, welding and brazing (including advanced processes such as electron beam welding and vacuum brazing), heat treatment, and a wide range of surface finishing technologies. This integrated approach enables tight control over quality, lead times, and costs, while delivering fully finished components ready for immediate integration into customer systems.

A key advantage for customers in microscopy and cryogenics is the company's ability to manufacture and assemble parts in controlled clean environments, ensuring compatibility with high-vacuum and ultra-clean applications. DI Industrial also performs helium leak testing for vacuum integrity and high-precision 3D metrology, both critical for components operating under ultra-high vacuum conditions or at cryogenic temperatures.

The company collaborates closely with customers already in the design phase, offering engineering and technological consulting. Its experienced team helps optimize materials, design features, and manufacturing processes to meet strict functional requirements while maintaining cost efficiency.

With a strong focus on quality, supported by EN 9100 certification and rigorous internal standards, DI industrial is a reliable partner for manufacturers of electron microscopes, vacuum systems, and cryogenic equipment seeking precision, cleanliness, and technological excellence in every stage of production.

In which areas of electron / optical microscopy does your organisation operate?

Electron microscopy (SEM / TEM / FIB), Sample preparation and accessories.

Other area of activity

Cryogenic application, vacuum application.

Preferred type of collaboration / support

Research and development (R&D) collaboration, Help entering a foreign market, Connecting with academic institutions abroad.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland, Western Europe, Central and Eastern Europe, North America.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

What specifically do you want to present or achieve at IMC 2026?

At the microscopy exhibition, DI Industrial presents a key advantage: a unique concentration of advanced manufacturing technologies under one roof. This integrated approach allows us to take full responsibility for the entire production process—from design support to final assembly—ensuring seamless coordination and consistent quality.

For our customers, this means reduced costs, shorter lead times, and minimized project risks. By eliminating the need for multiple suppliers, we streamline communication and significantly improve efficiency. Our in-house expertise combines precision machining, advanced joining technologies, clean assembly, and rigorous testing tailored to high-vacuum and microscopy applications.

In addition, our solutions are designed with sustainability in mind, optimizing material usage and reducing the environmental footprint of production.

Partnering with DI Industrial means gaining a reliable, technologically advanced, and economically efficient partner capable of delivering complex, high-precision solutions for the most demanding microscopy applications.

ORGANISATION NAME:

INSTITUTE OF PHYSICS OF MATERIALS

WEBSITE:
WWW.IPM.CZ

FULL NAME:
IVO KUBENA

JOB TITLE / POSITION:
HEAD OF RESEARCH GROUP

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KUBENA@IPM.CZ

PHONE/MOBILE:
+420 607 590 989

VCARD:

Brief description of your organisation and its activities

The Institute of Physics of Materials of the Czech Academy of Sciences (IPM, CAS) focuses on understanding the relationship between the behaviour and properties of materials and their structural and microstructural characteristics (high-temperature alloys, ODS/MPEA materials). Special emphasis is placed on advanced metallic materials and composites, with the goal of optimising microstructure, material properties, and designing new advanced materials. Founded in 1955 as part of the Czechoslovak Academy of Sciences, the Institute has grown continuously to its current size of over 160 employees (140 FTE), nearly half of whom hold a Ph.D. or equivalent degree. A significant number of Ph.D. students also carry out their research at IPM. The Institute is organised into two scientific departments and a service department, comprising ten research groups in total.
The Department of Mechanical Properties investigates the physical nature of creep, fatigue, their interactions, and brittle fracture in relation to material preparation, microstructure, and its evolution under external loading. Research covers a broad range of advanced metallic and non-metallic materials, including those produced by additive technologies or used in civil engineering.
The Department of Experimental Studies and Modelling of Structure combines theoretical multi-scale modelling with experimental validation and advanced characterisation using the latest electron and optical microscopy techniques. Research also addresses thermodynamic, diffusion, electrical, and magnetic properties, as well as nanomaterials and high-quality sample preparation for microscopic studies.
IPM actively collaborates with universities and research organisations both in the Czech Republic and internationally, and engages with industrial partners through applied research projects and commercial agreements.

In which areas of electron / optical microscopy does your organisation operate?

Materials characterization and testing services (SEM/TEM/EBSD microscopy, mechanical and creep testing), R&D collaboration on advanced high-temperature materials.

Other area of activity

-

Preferred type of collaboration / support

Commercial / distribution partnership, Research and development (R&D) collaboration, Connecting with academic institutions abroad, Talent attraction.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Western Europe, Central and Eastern Europe, North America.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - talk / poster.

ORGANISATION NAME:

INSTITUTE OF SCIENTIFIC INSTRUMENTS OF THE CZECH ACADEMY OF SCIENCES

WEBSITE:
ISIBRNO.CZ

FULL NAME:
KAMILA HRUBANOVA

JOB TITLE / POSITION:
HEAD OF THE CENTRAL LABORATORY OF ELECTRON MICROSCOPY AND RAMAN SPECTROSCOPY

EMAIL ADDRESS:
HRUBANOVA@ISIBRNO.CZ

PHONE/MOBILE:
+420 773 639 872

VCARD:

Brief description of your organisation and its activities

The Institute of Scientific Instruments of the Czech Academy of Sciences (ISI CAS) is a public research institution based in Brno, Czech Republic, founded in 1957. It carries out fundamental and applied research in applied physics, with research groups focused on magnetic resonance, electron microscopy and microanalysis, laser applications, biosignal sensing and processing, and the design and construction of scientific instruments and their components.

In which areas of electron / optical microscopy does your organisation operate?

ISI CAS develops unique scientific instruments, instrument components and experimental methods for both research and industrial application. Key areas include electron microscopy and microanalytical systems, magnetic resonance instrumentation, laser-based micro- and nanotechnology tools, and biosignal acquisition/processing systems (e.g. AI-supported ECG diagnostics). The institute also offers consultancy, expert opinions and technology/know-how transfer to industrial and academic partners.

Other area of activity

-

Preferred type of collaboration / support

Research and development (R&D) collaboration, Support with promotion abroad, Talent attraction.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Western Europe, North America, Asia-Pacific, Middle East.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - talk / poster.

ORGANISATION NAME:
LIGHTIGO S.R.O.

WEBSITE:
LIGHTIGO.COM

FULL NAME:
MAREK ROZEHNAL

JOB TITLE / POSITION:

EMAIL ADDRESS:
ROZEHNAL@LIGHTIGO.COM

PHONE/MOBILE:
+420 728 768 164

VCARD:

LIGHTIGO
LIGHT UP YOUR ANALYSIS

Brief description of your organisation and its activities
LIGHTIGO is a Czech technology company developing and manufacturing advanced LIBS analytical systems for fast elemental analysis of materials. The company focuses on compact, robust and user-friendly laser-based instruments for research laboratories, industrial applications and specialized analytical tasks, helping users obtain reliable chemical information with minimal sample preparation.

In which areas of electron / optical microscopy does your organisation operate?
LIGHTIGO develops and manufactures LIBS-based analytical instruments for fast elemental analysis of solid materials. Our products include laboratory, compact and vacuum LIBS systems, as well as customized solutions for specific research and industrial applications (e.g. sorting, Li battery research). We also provide application development, feasibility measurements, method optimization, technical support, training and system integration services.

Other area of activity
-

Preferred type of collaboration / support
We are serching for customers and application partners.

Other type of collaboration
-

Target foreign markets or regions
We are global producer.

Other target market
-

How does your organisation plan to participate in IMC 2026?
Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:
MENDEL UNIVERSITY IN BRNO

WEBSITE:
MENDELU.CZ/EN/

FULL NAME:
ELISKA BIRGUSOVA

JOB TITLE / POSITION:
PI LABORATORY OF ELECTROCHEMISTRY

EMAIL ADDRESS:
ELISKA.BIRGUSOVA@MENDELU.CZ

PHONE/MOBILE:
+420 720 628 679

VCARD:

Mendelova univerzita v Brně

Brief description of your organisation and its activities
Mendel University in Brno (MENDELU) is a Czech public university specialising in agriculture and forestry sciences, with more than a century of scientific excellence and innovation. Established in 1919 and named after Gregor Johann Mendel, the father of modern genetics, the university offers over 100 degree programmes in Czech and English. MENDELU provides excellent conditions for applied research thanks to its extensive forests, fields, botanical gardens, and experimental facilities that support collaboration between academia and industry. The Faculty of AgriSciences, the founding faculty, emphasises practical training and advanced experimentation. Students and researchers work in state of the art laboratories, greenhouses, food pilot plants, technical testing facilities, and a fully operational university research farm, enabling innovation across agriculture, biotechnology, and environmental sciences. The Institute of Chemistry and Biochemistry is one of the faculty's major research centres, bringing together more than 100 specialists across over 800 m^2 of world class laboratory space. Its mission is to advance modern methodologies in biological chemistry by integrating analytical chemistry, biotechnology, and advanced microscopy. Five research groups operate nineteen specialised laboratories focusing on bioanalytical chemistry, algal and plant biotechnology, and experimental microbial and animal biochemistry and biology. The institute also provides analytical services to academic and industrial partners. The Faculty of Horticulture has educated generations of experts in horticultural science. It runs extensive demonstration gardens, experimental and collection greenhouses, plant gene collections, and advanced research infrastructure, and includes Mendeleum, the historic research facility where Mendel's laws of heredity were rediscovered.
The Faculty of Business and Economics conducts interdisciplinary research across bioeconomic modelling, smart society, spatial behaviour analytics, finance, and consumer behaviour. Its teams develop data driven solutions for sustainable environmental management, societal resilience, digital innovation, and evolving market dynamics, working closely with academic, industry, and policy partners.

In which areas of electron / optical microscopy does your organisation operate?
We provide advanced microscopy and materials characterization services for research and industry, including confocal microscopy, fluorescence microscopy, SEM, and SECM, together with complementary analytical techniques. Our expertise covers nanomaterials, biomaterials, electrochemical sensors, environmental and food analysis, and biological samples.
We support partners through contract research, method development, sample characterization, consulting, and collaborative R&D projects. In addition, we offer study programmes in English, research internships for international and domestic students, and opportunities for academic and industrial collaboration.

Other area of activity
-

Preferred type of collaboration / support
Commercial / distribution partnership, Research and development (R&D) collaboration, Help entering a foreign market, Support with promotion abroad, Connecting with academic institutions abroad, Investment / funding, Talent attraction student internship, technology transfer..

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland, Western Europe, Central and Eastern Europe, North America.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:

NENOVISION S.R.O.

WEBSITE:

WWW.NENOVISION.COM

FULL NAME:

ALEX JOHNSON

JOB TITLE / POSITION:

BUSINESS DEVELOPMENT MANAGER

EMAIL ADDRESS:

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PHONE/MOBILE:

+44 (0) 7899 533 004

VCARD:

NenoVision

Brief description of your organisation and its activities

NenoVision is a Czech deep-tech company based in Brno, developing and manufacturing advanced scientific instruments for nanoscale research and industrial quality control.

Our flagship product, the LiteScope, is a unique add-on module that brings together two complementary microscopy technologies -- the Scanning Electron Microscope (SEM) and the Atomic Force Microscope (AFM) -- into a single, integrated platform. In simple terms: an SEM shows what a surface looks like at extreme magnification, while an AFM measures how it feels and behaves electrically at the atomic scale. Used separately, each technique has limitations. Combined in LiteScope, they deliver a true 1+1=3 effect -- richer data, faster results, and insights impossible to obtain with either tool alone. LiteScope is installed directly inside an existing SEM -- a customer does not need to replace their current equipment. This makes it a cost-effective upgrade with immediate added value.

Our customers include leading semiconductor manufacturers, battery and energy research labs, universities, and national research institutions across Europe, North America, and Asia. Key application areas include:

Semiconductors -- quality control and defect analysis in chip manufacturing, including engagement with global industry leaders.

Battery research -- supporting the development of next-generation energy storage materials.

Materials science and life science -- serving academic and industrial R&D worldwide.

NenoVision sells globally through a distribution network and direct partnerships. The company has approximately 15 employees and is backed by innovation grants and private investment. Our LiteScope 2.5 was recognized with the Czech Head 2025 award -- one of the Czech Republic's most prestigious prizes for technological innovation.

In which areas of electron / optical microscopy does your organisation operate?

Electron microscopy (SEM / TEM / FIB), Atomic force microscopy (AFM), Materials science applications, Industrial inspection and quality control.

Other area of activity

-

Preferred type of collaboration / support

Commercial / distribution partnership, Research and development (R&D) collaboration, Connecting with academic institutions abroad, Investment / funding.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland, Central and Eastern Europe, Middle East.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - Brnoregion Microscopy booth.

ORGANISATION NAME:
TESCAN

WEBSITE:
TESCAN.COM

FULL NAME:
LUCIE BRNKOVA

JOB TITLE / POSITION:
EVENT MANAGER

EMAIL ADDRESS:
LUCIE.BRNKOVA@TESCAN.COM

PHONE/MOBILE:
+420 778 777 030

VCARD:

Brief description of your organisation and its activities

Tescan is more than an instrument manufacturer. We're a global team of engineers, scientists, designers, and application experts - building advanced imaging instruments and the solutions around them.
For over 30 years, we've helped scientists see deeper with advanced Scanning electron microscopes, Focused ion beam systems, micro-CT, 4D-STEM and now newly laser technologies.

We design with real workflows in mind - from materials science and geosciences to life sciences and semiconductors - ensuring every system is intuitive, application-ready, and fully supported throughout its lifecycle.
Tescan is headquartered in Brno, Czech Republic, employees more than 850 people in 14 sites around the world. Almost 4000 SEM installations in more than 80 countries prove the highest technical solution of Tescan products.

In which areas of electron / optical microscopy does your organisation operate?

Electron microscopy (SEM / TEM / FIB), X-ray / CT imaging, Life sciences / biology applications, Materials science applications, Industrial inspection and quality control.

Other area of activity

Semicon and Geo Sciences applications.

Preferred type of collaboration / support

Research and development (R&D) collaboration, Support with promotion abroad, Talent attraction.

Other type of collaboration

-

Target foreign markets or regions

United Kingdom, Ireland, Western Europe, Central and Eastern Europe, North America, Asia-Pacific, Middle East.

Other target market

-

How does your organisation plan to participate in IMC 2026?

Active participation - exhibition / own booth.

What specifically do you want to present or achieve at IMC 2026?

Our news in Tescan portfolio.

Tescan
A SHIMADZU COMPANY

NOTES:



BRNO REGIONAL CHAMBER OF COMMERCE

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#BrnoregionMicroscopy company mission to Liverpool is taking place under the Centre for International Trade project, run by the Brno Regional Chamber of Commerce with financial support from the Statutory City of Brno.

CENTRE FOR INTERNATIONAL TRADE

B R N O

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