

# E EXHIBITION



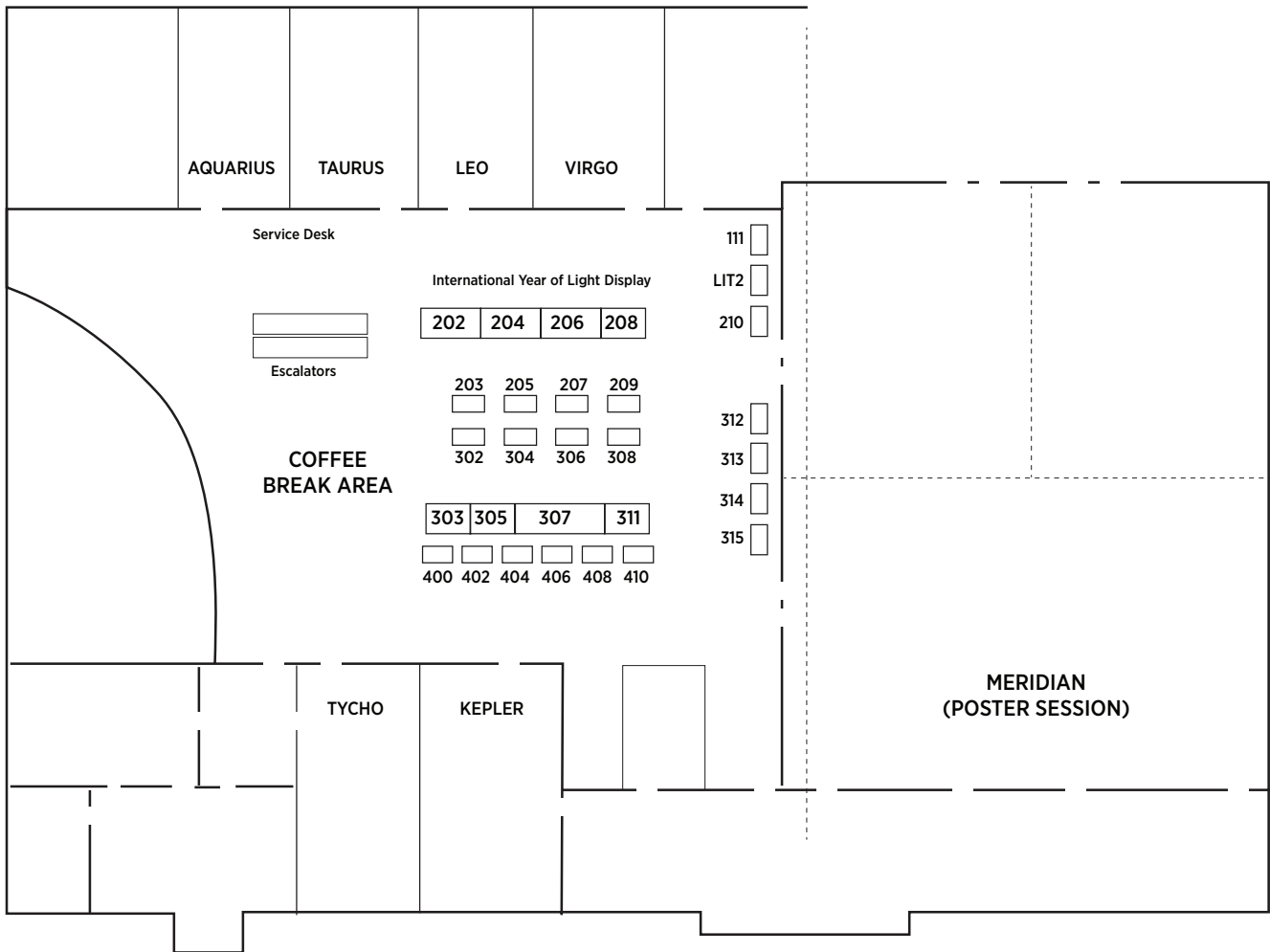
## SPIE. OPTICS+ OPTOELECTRONICS

### EXHIBITION HOURS

Tuesday 14 April, 10:00 to 17:00 hrs.

Wednesday 15 April, 10:00 to 16:00 hrs.

Exhibitors are listed in alphabetical order with details about products or services each is exhibiting. Companies are additionally cross-indexed by technology areas. The address of each exhibitor is also listed, making this Exhibition Guide an excellent reference tool to take back to your office and share with your colleagues.



### Exhibitor Index

205 AdlOptica Optical Systems GmbH  
 208 Agilent Technologies  
 302 Amplitude Technologies  
 314 AT-Fachverlag GmbH  
 304 Chinese Laser Press  
 313 CRYTUR spol s.r.o.  
 400 DILAS Diodenlaser GmbH  
 207 EKSMa Optics  
 315 EKSPLA UAB  
 LIT2 Electro Optics Magazine

206 ELI Beamlines and HiLASE  
 202 ET Enterprises Ltd.  
 204 EuroPhotonics, A Photonics Media Publication  
 305 Hellma Materials GmbH  
 402 ibss Group Inc.  
 307 International Year of Light  
 408 Laserlab-Europe  
 305 Lastronics GmbH  
 209 LIMO Lissotschenko Mikrooptik GmbH

111 Optida Co. Ltd.  
 311 PI miCos GmbH  
 306 REOSC  
 303 Rigaku Innovative Technologies Europe  
 410 Roh & Rau AG BU MicroSystems  
 312 Standa Ltd.  
 210 STFC Rutherford Appleton Lab.  
 203 Thorlabs GmbH  
 308 Vilnius University

# EXHIBITOR DIRECTORY

## AdlOptica Optical Systems GmbH

#205

**SPIE** Corporate Member

Rudower Chaussee 29, Berlin, 12489 Germany  
+49 30 565 908880; fax +49 30 565 908881  
info@adloptica.com; www.piShaper.com

**Featured Product: Collimating beam shaper piShaper® for fiber and fiber-coupled lasers**

AdlOptica works in field of Laser Beam Shaping Optics transforming Gaussian to flattop beams and finding numerous industrial and scientific applications. Multi year developments are realized in family of piShaper systems, > 50 models: almost 100% efficiency, spectrum from UV to IR, power from mW to kW, CW or pulse lasers, achromatic design, variety of flattop spot sizes, low sensitivity to misalignment. AdlOptica is located in Adlershof, Berlin, Germany's leading science and technology park. Contact: Alexander Laskin, Project Manager, alex@adloptica.com; Vadim Laskin, General Manager, info@adloptica.com

## Agilent Technologies

#208

Hewlett-Packard-Str 8, Waldbronn, 76337 Germany  
0800-603 1000; fax +49 69 953 07 919  
CustomerCare\_Germany@agilent.com; www.agilent.com

**Featured Product: Agilent Cary 7000 Universal Measurement Spectrophotometer (UMS)**

Agilent is a leader in life sciences, diagnostics and applied chemical markets. The company provides laboratories worldwide with instruments, services, consumables, applications and expertise, enabling customers to gain the insights they seek. Agilent's expertise and trusted collaboration give them the highest confidence in our solutions. www.agilent.com/chem. Learn more about the Agilent Cary 7000 Universal Measurement Spectrophotometer (UMS): www.agilent.com/chem/cary7000UMS

## Amplitude Technologies

#302

2-4 rue du Bois Chaland CE 2926, Evry Cedex, 91029 France  
+33 169 11 27 90; fax +33 164 97 58 17  
info@amplitude-technologies.com; www.amplitude-technologies.com

**Featured Product: High Peak Power Ti:Sa laser system**

Amplitude Technologies is the leading company in the field of ultra-high energy Ti:Sapphire ultrafast lasers. Amplitude Technologies provides the only commercial system with peak power in excess of 200 TW, with guaranteed specifications. The modular design of the laser, the variety of diagnostic tools, and the sophisticated engineering ensures that the user will concentrate on the experiment. Contact: Julie Siv, Sales engineer, jsiv@amplitude-technologies.com

## AT-Fachverlag GmbH

#314

Wilhelm-Pfizer-Str 28, Fellbach, 70736 Germany  
+49 711 95 29 51 0; fax +49 711 95 29 51 99  
at@at-fachverlag.de; www.at-fachverlag.de

## Chinese Laser Press

#304

390 Qinghe Road, Jiading Shanghai, Shanghai, 201800 China  
+86 21 69918428; fax +86 21 69918705  
col@siom.ac.cn; opticsjournal.net/Columns/CLP.html

**Featured Product: Chinese Optics Letters (COL), High Power Laser Science and Engineering (HPL), Photonics Research (PR)**

Chinese Laser Press (CLP) was established by Shanghai Institute of Optics and Fine Mechanics (SIOM), Chinese Academy of Sciences (CAS), and Chinese Optical Society in 2009, with the key business of publishing journals in both traditional and digital models. Currently CLP publishes six journals and a magazine, which enjoy high reputation and impact in the optics community. Contact: Jie Ding, Editor, dingjie@siom.ac.cn; Ran Zhang, Editor, zhangran@siom.ac.cn

## CRYTUR spol s.r.o.

#313

Palackeho 175, Turnov, 511 01 Czech Republic  
+420 481 319 511; fax +420 481 322 323  
crytur@crytur.cz; www.crytur.cz/

**Featured Product: Compact q-switched laser resonator**

Traditional European producer of precise scintillators, detection unit for electron microscopy, laser rods, laser components, crystal based precise optics, sapphire profiles and other sophisticated crystal based solutions with proprietary research and development and respectable know-how. With over 70 years long tradition of crystal processing, Crytur is the reliable partner for your project.

## DILAS Diodenlaser GmbH

#400

**SPIE** Corporate Member

Galileo Galilei-Str 10, Mainz-Hechtsheim, 55129 Germany  
+49 6131 9226 0; fax +49 6131 9226 257  
sales@dilas.de; www.dilas.de

### General Sponsor

## EKSMA Optics

#207

Mokslininku str 11, Vilnius, Vilnius, 08412 Lithuania  
+370 5 272 99 00; fax +370 5 272 92 99  
info@eksmaoptics.com; www.eksmaoptics.com

**Featured Product: BBO Pockels cells operating at >1MHz repetition rate**

EKSMA OPTICS is a manufacturer and global supplier of optical components for lasers and other photonics instruments. Product range includes high power laser optics, BBO, KD\*P, KTP Pockels cells, Pulse picking kits, nonlinear LBO, BBO, KTP, KD\*P, LiNbO<sub>3</sub>, AgGaSe<sub>2</sub>, AgGaS<sub>2</sub>, ZnGeP<sub>2</sub>, GaSe crystals, Yb and Nd doped laser media crystals and terahertz generation crystals. EKSMA OPTICS is ISO 9001:2008 certified and has proven experience delivering custom solutions for OEM partners and R&D customers. Contact: Daugirdas Kuzma, Director, Marketing and Business Development, d.kuzma@eksmaoptics.com; Romas Remeika, Programme Manager, Optics & Optomechanics, r.remeika@eksmaoptics.com

## EKSPLA UAB

#315

Savanoriu Ave 237, Vilnius, Alytus, 02300 Lithuania  
+370 5 264 9629; fax +370 5 264 1809  
sales@ekspla.com; www.ekspla.com

Employing more than 20 years experience in manufacturing of advanced lasers, laser systems and components for researchers and OEM. Products include picosecond, nanosecond lasers, tunable wavelength lasers, OPG/OPA/OPO, ultrafast fiber lasers, spectroscopic systems (SFG, THz, CARS), high energy laser systems, high power DPSS picoseconds lasers, optoelectronics components and flash-lamp drivers. Contact: Jonas Mikalauskas, Regional sales manager, sales@ekspla.com

### Promotional Partner

## Electro Optics Magazine

#LIT2

Clifton Ct Unit 9, Cambridge, CB1 7BN United Kingdom  
44 1223 211 170; fax 44 1223 213 385  
editor.electro@europascience.com; www.electrooptics.com

**Featured Product: Electro Optics**

Electro Optics is Europe's original photonics title and resource for anyone involved in the photonics industry. Readers have access to the latest technological developments, trends and opinions; independent, in-depth editorial content; and informed commentary and analysis. Electro Optics is published ten times a year in print and digital editions, and alongside two monthly newsletters, EO Newsline & EO Productline, is available at no cost to readers working or engaged in the photonics industry. Contact: Jesse Lund, Customer Engagement Manager, jesse.lund@europascience.com; Jon Hunt, Advertising Sales Manager, jon.hunt@europascience.com

# EXHIBITOR DIRECTORY

## ELI Beamlines and HiLASE

#206

Na Slovance 2, Institute of Physics of the ASCR vvi, Prague 8, 182 21  
Czech Republic  
citt@fzu.cz; www.citt.cz

ELI Beamlines offers unique opportunity for R&D: lasers for application; non-linear, quantum and classical optics; preparation, characterization and development of industrial applications of novel functional materials, materials with nanostructures and luminescence and scintillation materials; advanced diagnostics and detections. The HiLASE focuses on development high-repetition lasers and laser systems that will find use in industry, in small- and medium-scale research laboratories.

## ET Enterprises Ltd.

#202

45 Riverside Way, Uxbridge, UB8 2YF United Kingdom  
44 1895 200 880; fax 44 1895 270 837  
sales@et-enterprises.com; www.electrontubes.com

Contact: Graham Sperrin, European Sales Manager, graham.sperrin@et-enterprises.com; Carole Renard, European Sales Co-ordinator, crenard@et-enterprises.com

## EuroPhotonics, A Photonics Media Publication #204

**SPiE** Corporate Member

100 W St, 2nd Fl, Pittsfield, MA, 01202-4949 United States  
+1 413 499 0514; fax +1 413 442 3180  
info@photonics.com; www.photonics.com

EuroPhotonics provides accurate, readable, and up-to-the minute information about photonics products available in the European marketplace. Its content covers photonics technologies from conventional optics and electro-optics to lasers, fiber optics and imaging. EuroPhotonics is published quarterly and distributed FREE to those who use or apply photonics. Check out our free mobile apps or visit Photonics.com for all the latest industry news. Visit Booth #204 to sign up today. Contact: Karen Newman, Group Publisher, editorial@photonics.com; Ryan Laurin, Vice President, advertising@photonics.com

## Hellma Materials GmbH

#305

Moritz-von-Rohr-Str 1, Jena, 07745 Germany  
+49 3641 2877 100; fax +49 3641 2877 200  
info.materials@hellma.com; www.hellma-materials.com

## ibss Group, Inc.

#402

**SPiE** Corporate Member

1559B Sloat Blvd Ste 270, San Francisco, CA, 94132-1222 United States  
+1 415 566 5774; fax +1 415 566 9779  
admin@ibssgroup.com; www.ibssgroup.com

## International Year of Light

#307

www.spie.org/IYL

Join us in celebrating the International Year of Light. Visit Stand #307 for information on how to participate in this global initiative.

## Laserlab-Europe

#408

PO Box 118, Lunds Universitet., Lund, SE-22100 Sweden  
46 46 222765; fax 46 46222425

office@laserlab-europe; www.laserlab-europe.eu **Lastronics GmbH**

#305

Winzerlaer Str 2, Jena, 07745 Germany  
+49 3641 508590; fax +49 3641 508591  
info@lastronics.com; www.lastronics.de

## LIMO Lissotschenko Mikrooptik GmbH

#209

Bookenburgweg 4-8, Dortmund, 44319 Germany  
49 231 222 41 0; fax 49 231 222 41 140  
kontakt@limo.de; www.limo.de

**Featured Product: micro-optics, diode laser optics, line lasers, diode laser modules, automated micro-optics assembly**

Since its foundation in 1992 LIMO has been known as one of the leading companies in laser beam shaping. At LIMO's headquarter in Dortmund an international team of more than 240 specialists develops, manufactures and sells innovative micro-optics and laser systems. We are the only company worldwide whose core competence uniquely combines optics design with laser systems and materials processing know-how. This makes LIMO an important and reliable partner for customers in various industries. Contact: Manuel Bracker, m.bracker@limo.de; Maria Singermann, Marketing & PR, m.singermann@limo.de

## Optida Co. Ltd.

#111

**SPiE** Corporate Member

Savanoriu Str 231, Vilnius, Vilniaus, 02300 Lithuania  
+370 5 2621508; fax +370 5 2621508  
sales@optida.lt; www.optida.lt

**Featured Product: Low Tension Coatings, Ultra High LIDT Mirror, Low loss Optics, Complementary Chirped Mirror Pairs**

Optida Co.Ltd. is the largest Lithuanian company, among the Eastern and Central EU countries, that focuses on research, development, design and manufacturing of optical coatings and components for laser systems and optical devices targeting leading OEMs. Contact: Marius Semeta, Export Sales Manager, marius@optida.lt; Greta Vaitkeviciute, Administrator, greta.vaitkeviciute@optida.lt

## PI miCos GmbH

#311

**SPiE** Corporate Member

Freiburger Str 30, Eschbach, 79427 Germany  
+49 7634 5057 230; fax +49 7634 5057 99  
info@pimicos.com; www.pimicos.com

## REOSC

#306

Avenue de la Tour Maury, St Pierre du Perray, 91280 France  
+33 1 69 89 72 00; fax +33 1 69 89 72 20  
luc.thepaut@reosc.com; www.reosc.com

**Featured Product: Customized optical thin-film coatings (from DUV up to IR), Optical components for high energy lasers**

Reosc is a world leader in the design, production and integration of high-performance optics for both civil and defense applications, including astronomy, space, high-energy lasers and the semiconductor industry. Products and services by Reosc meet the most demanding requirements of a number of major research institutes and international scientific programs. From concept and design to manufacture, Reosc offers a complete range of high-performance optics and opto-mechanical equipment. Contact: Luc Thepaut, VP Sales, luc.thepaut@reosc.com; Fabien Pradal, Optical thin Films Engineer, fabien.pradal@reosc.com

## Rigaku Innovative Technologies Europe

#303

Novodvorska 994, Prague 4, 142 21 Czech Republic  
+420 239 043 333; fax +420 239 042 500  
sales.prague@rigaku.com; www.rigaku.com

**Featured Product: High resolution X-ray detectors, X-ray and EUV optics, ML optics**

Rigaku Innovative Technologies Europe s.r.o. (RITE) belongs to the group of Rigaku Corporation (Tokyo, Japan). RITE was established in 2008 as European center of excellence for the design, development and manufacturing of X-ray optics, X-ray detectors and X-ray sources, as well as other related scientific products for industry and research.

## Roth & Rau AG BU MicroSystems

#410

An der Baumschule 6-8, Hohenstein-Ernstthal, 09337 Germany  
+49 37 23 66 85 0; fax +49 37 23 66 85 100  
info@roth-rau.de; www.roth-rau.de

# EXHIBITOR DIRECTORY

## Standa Ltd.

#312

Svitrigailos 4-39, Vilnius, Vilniaus, 03222 Lithuania  
+370 5 2651474; fax +370 5 2651483  
sales@standa.lt; www.standa.lt

Standa Ltd. was founded in Vilnius, Lithuania in 1987 and now has more than 130 employees. Standa has its own industrial base that includes CNC turning, milling, grinding machines. Standa's design department, while developing standard products presented in Standa's catalogue (such as motorized and manual translation and rotation stages, motion controllers, optical tables, vibration isolation systems, optical mounts, optics, dpss lasers and etc.) also develops the equipment for OEM customers. Contact: Vytautas Jankauskis, Sales & Marketing Director, sales@standa.lt; Aiste Simkute, Sr. Sales & Marketing Manager, aiste@standa.lt

## STFC Rutherford Appleton Lab.

#210

Harwell Oxford, Didcot, OX11 0QX United Kingdom  
+44 1235 445 000; fax +44 1235 445 808  
enquiries@stfc.ac.uk; www.stfc.ac.uk/About+STFC/51.aspx

With an increasing global focus on the energy challenge facing mankind, controlled fusion offers a long term, safe solution with low environmental impact. The HiPER "Laser Energy Workshop" will discuss the latest progress towards ignition at the National Ignition Facility (NIF) at the Lawrence Livermore National Laboratory in the U.S., opportunities for fusion physics experiments at the Laser Megajoule facility being commissioned in France and recent developments in the underpinning technology of inertially driven fusion energy; lasers, fuel capsule manufacture and fusion chamber design. A dedicated session will focus on the physics of ignition, the latest numerical simulations and recent experiments on the large European laser facilities. Contact: Dr Chris Edwards, HiPER Project Director, chris.edwards@stfc.ac.uk

## Thorlabs GmbH

#203

**SPIE** Corporate Member

Hans-Boeckler-Str 6, Dachau Muenchen, 85221 Germany  
+49 8131 59 56 0; fax +49 8131 59 56 99  
europe@thorlabs.com; www.thorlabs.com

Thorlabs, a photonics products manufacturer, was founded in 1989. Growing steadily it now serves the research, industrial, life science, medical, and defense segments of the Photonics Industry with over 11,000 products. Its manufacturing assets include semiconductor fabrication of Fabry-Perot, DFB, and VCSEL lasers, optical fiber drawing towers, epitaxial wafer growth reactors, glass and metal fabrication facilities, thin film deposition capabilities, and optomechanical and optoelectronic shops.

## Vilnius University

#308

Saulėtelio al.10, Laser Research Ctr, Vilnius, Vilniaus, 01122 Lithuania  
+370 5 2366005  
laser.apc@ff.vu.lt; www.lasercenter.vu.lt/

**Featured Product: R&D services in the fields of laser nano-photonics, femtosecond laser processing and optical quality.**

We carry out modern research on nonlinear optics, laser nanophotonics, ultrafast spectroscopy, femtosecond laser processing, and laser-induced damage of optical elements in the fields of medicine, materials, and laser technologies. Our state-of-the-art laboratories with industrial ns and fs lasers are open to businesses and other scientific institutions for: R&D and technology development services; Joint business and science projects; Laboratory facilities for hire. Contact: Ieva Pipinytė, manager of OAC, laser.apc@ff.vu.lt

**Thank you to our sponsor**

*General Refreshments*



# PRODUCT CATEGORIES

## ASTRONOMY

REOSC

## BASIC RESEARCH, SCIENCE

AdlOptica Optical Systems GmbH  
Amplitude Technologies  
EKSMA Optics  
ELI Beamlines and HiLASE  
LIMO Lissotschenko Mikroskopik GmbH  
Standa Ltd.  
Thorlabs GmbH

## BIOMEDICAL, MEDICAL IMAGING, HEALTH CARE

EKSMA Optics  
ELI Beamlines and HiLASE  
Standa Ltd.  
Thorlabs GmbH  
Vilnius University

## CHEMICAL AND BIOLOGICAL ANALYSIS

Vilnius University

## CONSULTING SERVICES

AdlOptica Optical Systems GmbH  
LIMO Lissotschenko Mikroskopik GmbH

## DETECTORS, SENSORS

Thorlabs GmbH

## EDUCATION AND TRAINING

Thorlabs GmbH

## FIBER OPTICS AND ACCESSORIES

AdlOptica Optical Systems GmbH  
LIMO Lissotschenko Mikroskopik GmbH

## LASER COMPONENTS AND ACCESSORIES

EKSMA Optics  
LIMO Lissotschenko Mikroskopik GmbH

## LASER INDUSTRY

EKSMA Optics  
ELI Beamlines and HiLASE  
LIMO Lissotschenko Mikroskopik GmbH  
Optida Co. Ltd.  
REOSC  
Standa Ltd.  
Thorlabs GmbH  
Vilnius University

## LASERS AND SYSTEMS

AdlOptica Optical Systems GmbH  
Amplitude Technologies  
ELI Beamlines and HiLASE  
LIMO Lissotschenko Mikroskopik GmbH  
Standa Ltd.  
Vilnius University

## MACHINE VISION, FACTORY AUTOMATION

Optida Co. Ltd.

## MATERIALS PROCESSING, LASERS IN MANUFACTURING

AdlOptica Optical Systems GmbH  
ELI Beamlines and HiLASE  
LIMO Lissotschenko Mikroskopik GmbH

## MICROSCOPES

AdlOptica Optical Systems GmbH

## MICROTECHNOLOGY

AdlOptica Optical Systems GmbH

## MOUNTS, TABLES, VIBRATION ISOLATION

Thorlabs GmbH

## OPTICAL COATINGS, THIN FILMS

EKSMA Optics  
Optida Co. Ltd.  
REOSC

## OPTICAL COMPONENTS - FILTERS, MIRRORS, OTHER

EKSMA Optics  
Optida Co. Ltd.  
REOSC  
Thorlabs GmbH

## OPTICAL COMPONENTS - LENSES

EKSMA Optics  
LIMO Lissotschenko Mikroskopik GmbH  
REOSC

## OPTICAL DATA STORAGE

AdlOptica Optical Systems GmbH

## OPTICAL DESIGN AND ENGINEERING

AdlOptica Optical Systems GmbH  
EKSMA Optics  
Optida Co. Ltd.  
REOSC  
Vilnius University

## OPTICAL FABRICATION EQUIPMENT

Vilnius University

## OPTICS MANUFACTURING

LIMO Lissotschenko Mikroskopik GmbH  
Optida Co. Ltd.  
REOSC  
Standa Ltd.  
Thorlabs GmbH  
Vilnius University

## OPTOMECHANICAL COMPONENTS, DEVICES

EKSMA Optics  
REOSC  
Standa Ltd.  
Thorlabs GmbH

## POSITIONING EQUIPMENT, MOTION CONTROL AND ACCESSORIES

Standa Ltd.

## SOLAR & ALTERNATIVE ENERGY

AdlOptica Optical Systems GmbH

## SPECTROSCOPY DEVICES AND EQUIPMENT

Agilent Technologies  
Vilnius University

## TEST AND MEASUREMENT, METROLOGY

REOSC  
Standa Ltd.  
Thorlabs GmbH  
Vilnius University

## VACUUM, COOLING, GAS HANDLING EQUIPMENT

Standa Ltd.