LASER WORLD OF PHOTONICS 2019

JUNE 24 – 27, 2019
MUNICH TRADE FAIR CENTRE

HALL B3 - BOOTHs B3.421, B3.423, B3.522, & B3.520

IN PARTNERSHIP WITH:
### FLOOR PLAN

#### B3. 522

<table>
<thead>
<tr>
<th>Verre &amp; Quartz Flashlamps</th>
<th>Electronic Development Normandy</th>
<th>CILAS</th>
<th>SAVIMEX</th>
<th>Curve One</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.522/5</td>
<td>B3.522/4</td>
<td>B3.522/3</td>
<td>B3.522/2</td>
<td>B3.522/1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Teem Photonics</th>
<th>Mathym</th>
<th>MINALOGIC/PISO</th>
<th>SET</th>
<th>PYXALIS</th>
<th>QIOVA</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.522/6</td>
<td>B3.522/7</td>
<td>B3.522/8</td>
<td>B3.522/9</td>
<td>B3.522/10</td>
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</tr>
</tbody>
</table>

#### B3. 423

<table>
<thead>
<tr>
<th>IXBLUE</th>
<th>Photonics Bretagne/EvoSENS</th>
<th>IDIL</th>
<th>BKTEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.423/4</td>
<td>B3.423/3</td>
<td>B3.423/2</td>
<td>B3.423/1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cailabs</th>
<th>Kerdry</th>
<th>Seleonoptics</th>
<th>Le Verre Fluoré</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.423/5</td>
<td>B3.423/6</td>
<td>B3.423/7</td>
<td>B3.423/8</td>
</tr>
</tbody>
</table>
### B3.520

<table>
<thead>
<tr>
<th>CRISTAL LASER</th>
<th>FIRST LIGHT IMAGING</th>
<th>ISP</th>
<th>STIL</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.520/4</td>
<td>B3.520/3</td>
<td>B3.520/2</td>
<td>B3.520/1</td>
</tr>
<tr>
<td>GLOPHOTONICS</td>
<td>OPTIQUE FICHOU</td>
<td>BUSINESS FRANCE PHOTONICS FRANCE</td>
<td>THERMOCOMPACT</td>
</tr>
<tr>
<td>B3.520/5</td>
<td>B3.520/6</td>
<td>B3.520/7</td>
<td>B3.520/8</td>
</tr>
</tbody>
</table>

### B3.421

<table>
<thead>
<tr>
<th>ALPHANOV</th>
<th>INNOPTICS</th>
<th>ALPHA-RLHARDOP INDUSTRIE/PYLA</th>
<th>IRISIOME</th>
<th>AZURLIGHT SYSTEMS</th>
</tr>
</thead>
<tbody>
<tr>
<td>B3.421/5</td>
<td>B3.421/4</td>
<td>B3.421/3</td>
<td>B3.421/2</td>
<td>B3.421/1</td>
</tr>
<tr>
<td>KYLIA</td>
<td>NOVAE LASER</td>
<td>SOMOS NANOTEC</td>
<td>FEMTO EASY</td>
<td>LEUKOS</td>
</tr>
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<td>B3.421/7</td>
<td>B3.421/8</td>
<td>B3.421/9</td>
<td>B3.421/10</td>
</tr>
</tbody>
</table>
## FRENCH PAVILION EXHIBITORS LIST

<table>
<thead>
<tr>
<th>Exhibitor</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alphanov</td>
<td>5</td>
</tr>
<tr>
<td>Alpha-RLH Lasers and Microwaves French Cluster</td>
<td>5</td>
</tr>
<tr>
<td>Ardop Industrie</td>
<td>5</td>
</tr>
<tr>
<td>Azurlight Systems</td>
<td>6</td>
</tr>
<tr>
<td>BKtel photonics</td>
<td>6</td>
</tr>
<tr>
<td>Bretagne Commerce International</td>
<td>6</td>
</tr>
<tr>
<td>Cable Labs</td>
<td>7</td>
</tr>
<tr>
<td>Cilas</td>
<td>7</td>
</tr>
<tr>
<td>Cristal Laser</td>
<td>7</td>
</tr>
<tr>
<td>Curve-one</td>
<td>8</td>
</tr>
<tr>
<td>E D N</td>
<td>8</td>
</tr>
<tr>
<td>Evosens</td>
<td>8</td>
</tr>
<tr>
<td>Femto Easy</td>
<td>9</td>
</tr>
<tr>
<td>Fichou</td>
<td>9</td>
</tr>
<tr>
<td>First Light Imaging</td>
<td>9</td>
</tr>
<tr>
<td>Flashlamps Verre &amp; Quartz</td>
<td>10</td>
</tr>
<tr>
<td>GLOphotonics</td>
<td>10</td>
</tr>
<tr>
<td>IDIL Fibres Optiques</td>
<td>10</td>
</tr>
<tr>
<td>Innoptics</td>
<td>11</td>
</tr>
<tr>
<td>Irisiome Solutions</td>
<td>11</td>
</tr>
<tr>
<td>ISP SYSTEM</td>
<td>11</td>
</tr>
<tr>
<td>iXblue Photonics</td>
<td>12</td>
</tr>
<tr>
<td>KERDRY</td>
<td>12</td>
</tr>
<tr>
<td>Kyla</td>
<td>12</td>
</tr>
<tr>
<td>Le Verre Fluoré</td>
<td>13</td>
</tr>
<tr>
<td>Leukos</td>
<td>13</td>
</tr>
<tr>
<td>Mathym</td>
<td>13</td>
</tr>
<tr>
<td>Minalogic</td>
<td>14</td>
</tr>
<tr>
<td>Novae</td>
<td>14</td>
</tr>
<tr>
<td>Optitec (photonics Cluster)</td>
<td>14</td>
</tr>
<tr>
<td>Photonics Bretagne</td>
<td>15</td>
</tr>
<tr>
<td>Photonics France</td>
<td>15</td>
</tr>
<tr>
<td>Piseo</td>
<td>15</td>
</tr>
<tr>
<td>Pyla</td>
<td>16</td>
</tr>
<tr>
<td>Pyxalis</td>
<td>16</td>
</tr>
<tr>
<td>Qiova</td>
<td>16</td>
</tr>
<tr>
<td>Savimex</td>
<td>17</td>
</tr>
<tr>
<td>Selenoptics</td>
<td>17</td>
</tr>
<tr>
<td>Set Corporation SA</td>
<td>17</td>
</tr>
<tr>
<td>Somos - Nanotec</td>
<td>18</td>
</tr>
<tr>
<td>Stil Marposs</td>
<td>18</td>
</tr>
<tr>
<td>Symetriean</td>
<td>18</td>
</tr>
<tr>
<td>Teem Photonics</td>
<td>19</td>
</tr>
<tr>
<td>Thermocompact</td>
<td>19</td>
</tr>
</tbody>
</table>
ALPHANOV

Optics & Lasers Technology Center

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Arnaud ZOUBIR
Business Development Manager
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Activities & Products:
ALPhANOV is the Technology Center of the French lasers and photonics cluster in Nouvelle-Aquitaine. It develops innovative laser sources and special optical fibers components and their interfacing. It also designs and develops a range of optical, electronics, medical and laser subsystems and systems.

Interests:
Development and/or implementation of products or processes, in partnership with companies and research laboratories in laser processing, fiber laser developments, imaging and biomedical optics.

www.alphanov.com

ALPHA-RLH LASERS AND MICROWAVES FRENCH CLUSTER

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Photonics and Laser Project Manager
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Activities & Products:
ALPHA-RLH is a French Competitiveness Cluster specialized in Photonics and Microwaves technologies. ALPHA-RLH supports companies and laboratories in the set-up, expertise and financing of innovative projects, provides technical expertise and access to a wide network.

Interests:
Collaborations with clusters in order to facilitate contacts, partnerships and business opportunities between companies. Contacts with companies that want to open French subsidiaries.

www.alpha-rlh.com

ARDOP INDUSTRIE

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Fabio GIAMBRUNO
Project Manager
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Activities & Products:
ARDOP Industrie and its engineering department designs, develops and markets high energy laser beam transport lines and High Harmonics Generation. ARDOP Industrie also integrates custom photonic solutions for its industrial and laboratory partners.

Interests:
ARDOP Industrie is interested in meeting companies and laboratories needing engineered turnkey solutions for their applications in laser and photonics. We’re also open in collaborations to develop new technologies and transform them into industrial turnkey systems.

www.ardop.com
AZURLIGHT SYSTEMS

Activities & Products:
High power - Singlemode - Single frequency - Ultra-low noise!
These are the essential ingredients in the wide range of innovative IR and visible fiber lasers made in Azurlight Systems.
We enable the most demanding instrumentation systems and push the limits of atomic physics!

Interests:
Atomic & Molecular physics - High Performances Instrumentation
Argon Laser Replacement - Holography - Laser Doppler Velocimetry
Interferometry - High Brightness Laser Pumping.

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Cel.: +33 (0)6 10 56 72 16
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Nicholas TRAYNOR
Founder and CEO
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sales@azurlight-systems.com

www.azurlight-systems.com

Activities & Products:
BKtel Photonics is a Leader in the supply of high end laser equipment to generate the light at characteristics adapted to the technique for performing LIDAR or 3D digitization, as well as active Light Amplification in a more and more flexible telecom or datacom networks.

Hall B.3 - Booth B3.423/1
Markus OJUTKANGAS
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Eric DELEVAQUE
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www.bktel-photonics.com

Activities & Products:
Bretagne Commerce International is a non-profit organization of private companies located in Western France. Entrusted by the Regional Government of Bretagne and the Regional Chamber of Commerce to internationalize the Breton economy, it assists Breton companies in their international development.

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Cel.: +33 (0)6 72 91 90 48
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www.bretagnecommerceinternational.com
Activities & Products:
Cailabs develops innovative photonics products for industrial lasers, incl. CANUNDA-PULSE to improve micro-processing thanks to precise and robust beam shaping & CANUNDA-HP, laser beam shaping platform designed to improve high power laser processes.

Interests:
We are looking to be visible to develop our notoriety and make our CANUNDA range of components known.
We are also looking to meet new customers and partners.

Activities & Products:
For over 50 years, CILAS, subsidiary of ArianeGroup and Areva, develops its expertise in laser and optronics. CILAS flagship products include optical coatings and deformable mirrors for large scientific equipments, space, defence and industry markets.

Interests:
Optical manufacturers and system integrators.

Activities & Products:
For almost 30 years, CRISTAL LASER has been manufacturing top quality non-linear crystals such as LBO, KTP, KTP.fr, KTA for frequency conversion as well as RTP Pockels Cells for Electro-Optics applications (Q-switches or pulse pickers). CRISTAL LASER serves the most demanding laser applications.

Interests:
We are manufacturers of non-linear optics and participate every two years in the LWP Munich exhibition. Indeed, today it is the largest optical exhibition in Europe and participating in it allows us to meet our industrial and scientific customers as well as new prospects.
**CURVE-ONE**

Hall B.3 - Booth B3.522/1

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Emmanuel HUGOT  
CSO  
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www.curve-one.com

**Activities & Products:**  
CURVE ONE produces Curved Sensors for markets of drones, autonomous vehicles, astronomy, medical imaging & industrial production controls and measurement. Curved Sensor improves sharpness up to 5 times, chromaticism by 2.5 times, reduces distortion on wide field images and suppress vignetting.

**Interests:**  
We look for clients in Laser World of Photonics with a real need to improve their image quality and reduce time analysis on their core business.

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**EDN**

**E.D.N.**  
**Electronic Development Normandy**  
**High voltage power supplies specialist**

Hall B.3 - Booth B3.522/4

Stephane LATROUITE  
Ph.: +33 (0)2 72 34 12 30  
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**Activities & Products:**  
EDN designs and manufactures High voltage power supplies. Production examples: Switching power supplies for xenon flash lamps (PhotoFlash, IPL, Solid-state lasers) / High voltage capacitor power supplies / Simmers, up to 500W - 1,5Amps / Laser diode supplies / High voltage power modules up to 35Kv.

**Interests:**  
Medical and industrial applications. EDN is THE designer and manufacturer of ELI-NP Laser Power Supplies.

www.ednormandy.com

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**EVOSENS**

Hall B.3 - Booth B3.423/3

Cedric SIRE  
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cedric.sire@evosens.fr

**Activities & Products:**  
EVOSENS is a custom based photonics system integrator. Our activity is divided between engineering for optics, electronics, IT and mechanics of custom photonics systems and production activity. Our facility includes clean room and assembling rooms to integrate, set-up and test photonics systems.

**Interests:**  
Looking for customers in different countries. Potential customers need to use optical technologies, photonics and should be looking for innovative solutions, custom solutions, integration partners. Also seeking development projects for disruptive technologies.

www.evosens.fr
FEMTO EASY

Activities & Products:
Femto Easy provides ultrafast instrumentation for a quick and reliable measurement of your ultrafast laser. We provide autocorrelators, FROGs, spectrometers and beam profilers. All products are available for both end user and OEM. We can work on custom needs.

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Stéphane LECORNÉ
CTO
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lecorne@femtoeasy.eu

www.femtoeasy.eu

FICHOU

Activities & Products:
Since 1946, Fichou has been a key French player of high precision optics (mostly for space, defense and R&D applications). Thanks to strong knowhow, the company is the ideal partner for the development and production of coated (UV-FIR) optical components.

Hall B.3 - Booth B3.520/6
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Guillaume DUBOIS
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www.optique-fichou.com

FIRST LIGHT IMAGING

Activities & Products:
First Light Imaging designs high-end scientific cameras that combine extreme sensitivity and ultra-high speed for visible and infrared spectra. In 2019, FLI launches C-RED 3, a very High Speed (600FPS FF), low noise (< 50e), uncooled SWIR InGaAs camera optimized for low SWaP and low cost.

Interests:
New customers, possibly new suppliers, potential partnerships.

Hall B.3 - Booth B3.520/3
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www.first-light-imaging.com
**FLASHLAMPS VERRE & QUARTZ**

Activities & Products:
- Manufacturer of flashlamps and arc lamps for research, industry, medical and military applications.
- Manufacturer of neon warning beacons.
- Flashlamps for laser optical pumping, IPL flashlamps for aesthetics & dermatology, UV-flash disinfection (food, medical, etc).
- Long discharge lamps.
- HV trigger coils.

Interests:
- Establish new business contacts.
- Meet our long-standing clients.
- Approach new suppliers.
- Introduce our work of activity.

**GLOPHOTONICS**

Activities & Products:
GLOphotonics is a spin-off of a research group, led by Professor Fetah BENABID, which develops, manufactures and markets gas phased photonic components using Hollow Core Photonic Crystal Fibers (HC-PCF).

Interests:
Our interest is above all strategic: we have been participating in this type of exhibition for 5 years and we must be present to continue to show our ambition towards all our partners, current and future, by exhibiting and presenting our innovations (papers, posters).

**IDIL FIBRES OPTIQUES**

Activities & Products:
IDIL, an opto-electronics engineering company specialized in fibre optics, fiber lasers and ultra fast phenomena.

- fiber stretchers and optical delay lines,
- seeder lasers, intense fiber lasers,
- Photonic Doppler velocimetry (PDV)...

Interests:
- prospecting for new European customers and +
- presentation of a new component: fiber stretcher. It allows to create an optical delay between 0 to 0.1 ps or 0 to 0.2 ps. Its compact format is suitable for many applications: interferometric measurements, variable optical delays, metrology...
INNOPTICS

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Activities & Products:
INNOPTICS is specialized in the integration of optoelectronic components. We offer services for customized packaging, from product design to contract manufacturing. We also have two product lines: laser sources for plastic welding, low noise high coherence tunable lasers @852nm, 1µm, 2µm and 2.3µm.

Interests:
Laser sources.
Semiconductor lasers.
Optical components.

Hall B.3 - Booth B3.421/4

www.innoptics.com

IRISIOME SOLUTIONS

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Activities & Products:
Irisiome Solutions develops and markets ps fiber laser with a new and innovative pulse generation method, the ps pulse gating. This allows large flexibility of pulse parameters such as adjustable pulse duration, continuously adjustable repetition rate, master/slave synchronization to another system.

www.irisiome-solutions.com

ISP SYSTEM

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laurent ropert@isp-system.fr

Activities & Products:
Precision Engineering - Design and manufacturing of:
• Opto-mechanics (electro-mechanical deformable mirrors for intense lasers, motorized mirror mounts for beam transport...).
• Micro and nano-positioning systems.
• High precision machines for optoelectronics/fiber optics assembly.
• Die-attach machine.

Interests:
• Collaborations with scientific institutes or laser manufacturers for innovative opto-mechanics products.
• Collaborations with opto-electronics manufacturer for precision micro-assembly machines.

Hall B.3 - Booth B3.520/2

www.isp-system.fr
Activities & Products:
ixblue Photonics helps photonics engineers to get the most out of the light by providing high performance, innovative and reliable photonic solutions. We offer specialty fibers, bragg gratings and optical modulation solutions based on the company integrated modulators for a variety of applications.

www.photonics.ixblue.com

Activities & Products:

Interests:
Space, Medical, Defence, Aeronautics, Telecommunications, Luxury Industry or Research.

www.kerdry.com

Activities & Products:
Kylia designs, develops and manufactures innovative products based on free-space optic technology for telecom networks, sensing and aerospace. Kylia provides 90° hybrids, DLI, and VODL. Starting from customer’s specifications, Kylia designs industrial products dedicated to be used as OEM's subsystems.

www.kylia.com
LE VERRE FLUORÉ

Activities & Products:
Leader in mid-infrared technology since 1977, LVF provides fluoride glasses, low loss optical fibers and qualified solutions for industrial use.

Hall B.3 - Booth B3.423/8
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samuel.poulain@leverrefluore.eu

www.leverrefluore.com

LEUKOS

Activities & Products:
Leukos is a manufacturer of Supercontinuum lasers and Nd:YaG microchip lasers. Supercontinuum laser product range is covering UV (350nm) up to Mid-IR (4800nm), with average power from mW to several Watts, repetition rate from pulse on demand to several tens of MHz, in benchtop or OEM format.

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www.leukos-systems.com

MATHYM

Activities & Products:
We are a nanotechnology company that specializes in the development and manufacturing of innovative and unique nano-dispersions. We supply highly transparent dispersions of ZrO2, as well as CaF2, MgF2 and other nanoparticles with unique properties and used as fillers in coatings and bulk materials.

Hall B.3 - Booth B3.522/7
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Benoit CORMARY
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www.mathym.com
**Minalogic**

Activities & Products: 
As the biggest industrial region and second largest photonics region in France (with 25% of the country's R&D activities), the Auvergne-Rhône-Alpes region aims to become the ‘European Silicon Valley. It relies on Minalogic, its cluster for digital technologies (micro-nanoelectronics, photonics, software & content). Minalogic has more than 400 members. 40% of these members are affiliated to photonics.

**Interests:**
Identification and implementation of strategic public / private partnerships.
Economic Intelligence: new technologies and prospective watch.
Looking to boost Minalogic photonics members’ visibility.

**Novae**

Activities & Products: 
Novae provides ultrafast laser systems emitting at 2 µm (BrevityHP) and a mid-infrared supercontinuum source covering 2 to 4 µm (Coverage). BrevityHP is designed for scientific applications and semi-conductor and polymer micro-machining. Coverage addresses micro-spectroscopy imaging and gas sensing.

**Optitec (Photonics Cluster)**

Activities & Products: 
OPTITEC is one of the leading European and French deep-tech clusters with an ecosystem of 220 members specialised in photonics, imaging and artificial intelligence applications dedicated to medical technologies, smart cities, intelligent mobility, security & defense and precision agriculture.

**Interests:**
OPTITEC is interested in setting up international partnerships in order to foster business collaboration and export activities of its members by facilitating their participation in international trade fairs and by setting-up trade delegations.
Activities & Products:
Photonics Bretagne is a Photonics Innovation Hub which gathers a cluster, supporting innovation and technology development of its members, and a Research and Technology Organisation, expert in the development of specialty optical fibres and components (product line: PERFOS®).

Interests:
Custom specialty optical fibres, tapers, couplers, capillaries, fibre lasers, fibre sensors ... / Increase business opportunities between companies / laboratories and development of collaborative technological projects / Promoting photonics, innovation and cluster members.

Activities & Products:
With more than 125 members (group, ETI, SME, start-ups, clusters, learned society and club), Photonics France is intended to be the known, recognized and legitimate interlocutor at national and international level by acting as a professional union in the best interests of the sector and its members.

Interests:
Networking, Partnership, Lobbying...

Activities & Products:
PISEO is an independent center of expertise specialized in the integration of photonic technologies (LED, VCSEL, Laser diods, image sensors, phosphors, optical materials...) and their applications. We provide expertise, design and characterization services in the field of integrated optical systems.

Interests:
Photonic components, integrated optical system design, photonics applications.
Activities & Products:
PYLA designs and carries out tailor-made training courses, in French and English, on lasers technologies and their applications, with a marked focus on hands-on training, to meet the most specific needs of designers, manufacturers and users of photonics technologies.

PYXALIS

Activities & Products:
Pyxalis is a high-end CMOS image sensor supplier based in Grenoble, France. Founded in 2010, it addresses the most demanding field of imaging, ranging from automotive, aerospace, machine vision and consumer applications with a range of COTS and custom solutions.

Interests:
Image sensor, digital imaging, CMOS, CCD, Camera, automotive, medical, defense, consumer imaging.

QIOVA

Activities & Products:
QiOVA designs and delivers innovative laser beam shaping systems to enable its OEM customers high value-added laser microprocessing solutions. QiOVA introduced the first industrial programmable laser beam shaping system in 2014, based on its patented multibeam technology. It is named VULQ1.

Interests:
1- Promote the Qiova brand in Germany and Europe.
2- Meet with prospects, targeted profiles as below:
* Integrators/Job shop for laser microprocessing applications using short pulse lasers (nanosecond to femtosecond pulse duration).
* Integrators of in-line traceability laser marking solutions.
Activities & Products:
SAVIMEX is an internationally recognized expert for the design and manufacturing of optical components in polymer material and optical systems. The product range comprises visors for personal protection, mirrors for head-up displays, optical components for industrial, medical and defence application.

www.savimex.fr

Activities & Products:
SelenOptics fabricates a new generation of mid IR fibers based on chalcogenide glasses. Multimode, single mode, polarization maintaining and tapered fibers are proposed for applications in the infrared up to 10 µm. The fibers enable to generate high brightness supercontinuum source between 2-10 µm.

Interests:
Spectroscopy, fiber laser, QCL, supercontinuum.

www.selenoptics.com

Activities & Products:
SET, Smart Equipment Technology, is a world leading supplier of High Accuracy Die Bonders/Flip Chip Bonders and versatile Nanoimprint Lithography (NIL) solutions. Founded more than 40 years ago, SET is globally renowned for the unsurpassed sub-micron accuracy and the flexibility of its bonders.

www.set-sas.fr

17
SOMOS - NANOTEC

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Christophe LAMANT
Technico Commercial
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clamant@somtec.fr

Activities & Products:
SOMOS-NANOTEC is a machine manufacturer of Precision Optics Machinery from 1901. Our range of machines includes single and double side for fine-grinding, lapping, polishing, CPM, from diameter 220 mm plates up to 2500 mm. Our turnkey solutions allow machining, of Flat, Parallel, Spherical surfaces.

STIL MARPOSS

Hall B.3 - Booth B3.520/1
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Ph.: +33 (0)4 42 39 66 51
ma.douglas@stil-sensors.com

Matthieu DESJACQUES
Regional Sales Manager
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Activities & Products:
STIL, creator & manufacturer of high-resolution optical sensors, meet the needs of the most demanding metrological applications. Easy to use and to integrate, STIL sensors measure on any type of material without prior preparation and work in industrial environments as well as research laboratories.

SYMETRIE

Hall B.3 - Booth B3.520/9
Anne DUGET
Marketing & Sales Manager
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anne.duget@symetrie.fr

Olivier LAPIERRE
CEO
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olivier.lapierre@symetrie.fr

Activities & Products:
SYMETRIE designs & manufactures precision positioning & motion systems that meet the most specific needs of industrialists and laboratories. SYMETRIE is specialized in hexapods, which is used to position an object in space following the 6 degrees of freedom with high resolution, accuracy & stifness.

Interests:
• Meet prospects
• See our customers again.
• See our distributors again.
• See others exhibitors, prospects, customers or suppliers.
Activities & Products:
Teem Photonics offers high performance pulsed sub-ns lasers at 1535, 1064, 532, 355, 266 & 213 nm and glass PICs for silicon photonics or sensors. Products are widely used by OEMs and Laboratories for their uniquely long lifetime (100,000 h for lasers), dependability and cost effectiveness.

Interests:
Teem Photonics laser products provide widely used solutions for OEM and R&D applications in Instrumentation, Sensing, Bioanalytics, Lidar and Materials processing equipment.

Activities & Products:
Thermocompact, with its US-based affiliate IWT, is a French-American manufacturer of single and multi diamond wire saws, along with a large range of diamond wires for the industrial slicing of hard and brittle materials: sapphire, quartz, crystals, SiC, ceramics...
<table>
<thead>
<tr>
<th>Company</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpao</td>
<td>21</td>
</tr>
<tr>
<td>Cedrat Technologies</td>
<td>21</td>
</tr>
<tr>
<td>Edmund Optics</td>
<td>21</td>
</tr>
<tr>
<td>FIBERCRYST</td>
<td>22</td>
</tr>
<tr>
<td>Gaggione</td>
<td>22</td>
</tr>
<tr>
<td>HEF Groupe</td>
<td>22</td>
</tr>
<tr>
<td>Imagine Optic</td>
<td>23</td>
</tr>
<tr>
<td>Light Tec</td>
<td>23</td>
</tr>
<tr>
<td>Lumibird</td>
<td>23</td>
</tr>
<tr>
<td>Manutech</td>
<td>24</td>
</tr>
<tr>
<td>Oxxius Lasers</td>
<td>24</td>
</tr>
<tr>
<td>Resolution Spectra Systems</td>
<td>24</td>
</tr>
<tr>
<td>SEDI-ATI Fibres Optiques</td>
<td>25</td>
</tr>
<tr>
<td>SILIOS Technologies</td>
<td>25</td>
</tr>
<tr>
<td>Thales</td>
<td>25</td>
</tr>
<tr>
<td>Thales SESO</td>
<td>26</td>
</tr>
</tbody>
</table>
Activities & Products:
ALPAO designs and manufactures a complete range of adaptive optics products for use in research and industry from 2008. ALPAO provides deformable mirrors, wavefront sensors and softwares. ALPAO’s products are tailor-made for various applications such as astronomy, ophthalmology, microscopy, wireless optical communications and laser applications. With more than 10 years of experience in adaptive optics, ALPAO deformable mirrors offer high speed and large deformation as well as excellent optical quality. ALPAO is an international company with customers on four continents in over 20 countries. More than 90 percents of its turnover comes from exports.

Interests:
Research & Science, Semiconductor Industry, Materials Processing, Medical Engineering, Sensor Technology.

Activities & Products:
CEDRAT TECHNOLOGIES is an internationally recognized mechatronics specialist and manufacturer of piezo and magnetic actuators. We offer a wide range of standard products: amplified (APA®), Fast Steering Mirrors & Point Ahead Mechanisms (FSM, PAM), pre-stressed piezo actuators, XY piezo stages, stepping motors, Fast shutters, magnetic actuators, the associated electronics and also customised products. We have a strong experience in developing solutions for the optronics and photonics fields for demanding clients (Line of sight stabilization, microscans, objective positioners...).

Activities & Products:
Edmund Optics® (EO) is a leading global supplier of optics, imaging, and photonics technology that has served a variety of markets including Life Sciences, Biomedical, Industrial Inspection, Semiconductor, R&D, and Defense since 1942. EO designs and manufactures a wide array of optical components, multi-element lenses, imaging systems, and optomechanical equipment, while supporting OEM applications with volume production of stock and custom products. With locations in more than nine countries across the globe, EO employs over 1,000 people and continues to expand. EO takes pride in helping customers from prototype to volume production, and specializes in creating cost-effective solutions that meet our customer’s specifications, timelines, and budgets. Whether requirements include stock optics, a build-to-print custom optical component, expert application engineering to optimize the design, or a completely custom design to customer-supplied requirements, our engineers can create ideal solutions for each unique optical challenge. Every step of the way, Edmund Optics® is committed to ensuring product and procedural quality.
Activities & Products:
Fibercryt manufactures industrial femtosecond lasers and amplifiers. Those systems are based on a proprietary technology and present a unique combination of simplicity, reliability and flexibility.

Interests:
• Promote femto applications, in collaboration with Manutech with whom we will be co-exhibitors: added value of techno femto, illustrations of the locks raised by techno femto, need for femto process skills to exploit the potential of technology.
• Communicate on the industrial maturity of the Femto30: can be integrated into a machine, flexibility in operating point, possibility of adaptation / option on demand (flexibility of our structure).

GAGGIONE

Activities & Products:
Gaggione provides comprehensive design, development and manufacturing for high quality thermoplastic or silicone imaging optics.

HEF GROUPE

Activities & Products:
HEF Groupe is a world leader in surface engineering of materials, able to propose its customers, large companies or SMBs, a wide range of services ranging from research, industrial development and technology transfer, to the industrialization of processes or the supply of components.
Activities & Products:
Imagine Optic is a French company expert in wavefront measurement and correction dedicated to optical metrology, high-power lasers, X-EUV and bio-imaging. Imagine Optic offers Shack-Hartmann Wavefront sensors named HASO and adaptive optics solutions with deformable mirrors named ILAO STAR and MIRAO.

Activities & Products:
Light Tec offers optical design tools and optical engineering services. Light Tec's team is made of 18 employees at 2 locations, one in Hyères (France) and one in Munich (Germany). The tools proposed include: · Optical design software tools (Code V, LightTools, LucidShape, RSOFT) + technical support and training. Scattering measurement tools including the development and sales of industrial products (“Mini-Diff”, Mini-Diff VPro and “Reflet 180S”).

With a high-skilled team of optical engineers, the company also offers consulting and measurement services. For additional information, please visit Light Tec website: www.lighttec.fr

Activities & Products:
With 50 years of experience, LUMIBIRD (formerly Quantel-Keopsys group) designs high performance lasers for the industrial, scientific, medical and defense markets. Key technologies include solid-state lasers, fiber lasers and laser diodes for various applications, including LiDAR, ADAS and laser pumping.
**Manutech**

**Activities & Products:**
Manutech is your S&T expert in the field of engineering and functionalization of surfaces with femtosecond lasers (fs).
Manutech brings you all solutions to texturize your surfaces with ultrashort lasers and defines the adequate industrial and economical process (TRL 4 to 7).

**Interests:**
Surface texturing by femtosecond laser

**Oxxius Lasers**

**Activities & Products:**
Oxxius manufactures innovative solid-state lasers for life science, spectroscopy and industrial applications. Its LaserBoxx compact laser modules, featuring wavelengths in the UV, visible and NIR, have outstanding performance with market-leading power levels.

**Resolution Spectra Systems**

**Activities & Products:**
Set up back in 2011, RESOLUTION Spectra Systems offers high resolution laser spectrum analyzers and wavelength meters in the VIS-NIR range (630-1100 nm). Those are ideal tools for characterizing CW and pulsed lasers and for sensing applications. Based on SWIFTSTM technology, these innovative instruments have unique features: compactness, high resolution, speed and robust calibration.
SEDI-ATI Fibres Optiques manufactures custom made passive optical fiber components dedicated to extreme environments, hostile and hazardous applications. We offer achromatic multimode couplers, multimode wavelength division multiplexers, fiber optic hermetic feedthroughs, and bundles & arrays.

Activities & Products:
SEDI-ATI Fibres Optiques manufactures custom made passive optical fiber components dedicated to extreme environments, hostile and hazardous applications. We offer achromatic multimode couplers, multimode wavelength division multiplexers, fiber optic hermetic feedthroughs, and bundles & arrays.

SILIOS Technologies has been providing micro-optical components since 2001 and takes benefit of its great know-how in micro-technologies and of its 600m² clean room to design and manufacture Diffractive Optical Elements and also Multispectral Imaging filters, sensors and cameras for VIS/NIR ranges.

Activities & Products:
SILIOS Technologies has been providing micro-optical components since 2001 and takes benefit of its great know-how in micro-technologies and of its 600m² clean room to design and manufacture Diffractive Optical Elements and also Multispectral Imaging filters, sensors and cameras for VIS/NIR ranges.

Thales is the world leader of high energy nanosecond lasers for industry and Ti:Sa femtosecond laser systems (up to 10PW) for advanced science.

Activities & Products:
Thales is the world leader of high energy nanosecond lasers for industry and Ti:Sa femtosecond laser systems (up to 10PW) for advanced science.
THALES SESO

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Activities & Products:
Products: Large precision optics and optomechanics
Laser: #1 French supplier of large high power laser optics for the CEA Laser MegaJoule
Space: #1 supplier in Europe and for the French Defense Agency of Zerodur mirrors
X-rays: World #1 for the number of mirrors installed on synchrotron beam lines
Astronomy & Defense

www.seso.com
Business France is the national agency supporting the international development of the French economy, responsible for fostering export growth by French businesses, as well as promoting and facilitating international investment in France.

It promotes France’s companies, business image and nationwide attractiveness as an investment location, and also runs the VIE international internship program.

Business France has 1,500 employees, both in France and in 58 countries throughout the world, who work with a network of partners. Since January 2019, as part of the reform of the state support system for exports, Business France has given private partners responsibility for supporting French SMEs and mid-size companies in the following markets: Belgium, Hungary, Morocco, Norway, the Philippines and Singapore.

For further information, please visit: www.businessfrance.fr
@businessfrance.fr
LASER WORLD OF PHOTONICS 2019

JUNE 24 – 27, 2019
MUNICH TRADE FAIR CENTRE
HALL B3 - BOOTHS B3.421, B3.423, B3.522, & B3.520

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