



Exhibition ICAP 2012

The 23rd International Conference on Atomic Physics

23-27 July 2012, Ecole Polytechnique, 91128 Palaiseau, France



Trade exhibition

The conference included a trade exhibition that provided an ideal platform for companies to gain exposure for their products and to interact with delegates. The exhibition booths were co-located with poster sessions and coffee breaks to ensure maximum overlap between exhibitors and conference participants.

<http://www-lpl.univ-paris13.fr/icap2012/exhibition.htm>

Exhibitors

AMPLITUDE TECHNOLOGIES

<http://www.amplitude-technologies.com/>

Amplitude Technologies mission is to produce robust and reliable ultra-intense femtosecond laser systems with the best performances, from the point of view of pulse duration, temporal contrast, and spatial beam quality. Our engagement in performances continues after the delivery and our collaboration with the customer guarantees laser specification over the whole life-span of the laser. info@amplitude-technologies.com










APS Physics





<http://www.aps.org/>






The American Physical Society is a non-profit membership organization working to advance and diffuse the knowledge of physics through its outstanding research journals, scientific meetings, and education, outreach, advocacy and international activities. APS represents over 50,000 members throughout the world. It publishes ten primary research and review journals: *Physical Review Letters*, *Reviews of Modern Physics*, and the *Physical Review* series, including the new, online-only *Physical Review X*. The online *Physics* spotlights exceptional papers published in the *Physical Review* journals. The print journals are archived online in PROLA.




<p>Cambridge University Press</p> <p>http://www.cambridge.org/</p>	
<p>EDP SCIENCES</p> <p>http://www.edpsciences.org</p> <p><i>EDP Sciences</i> est une maison d'édition qui est entièrement dédiée au service de ses auteurs et de ses lecteurs. Détenue par des sociétés savantes et animée par des professionnels de l'édition, elle reçoit le soutien de nombreuses communautés scientifiques et procure aux auteurs les meilleurs outils et prestations pour valoriser leurs travaux en assurant la meilleure diffusion des articles et ouvrages. Plusieurs des journaux publiés obtiennent les premières places dans leur catégorie (classement par Facteur d'Impact ISI).</p>	
<p>EPL</p> <p>www.epljournal.org</p> <p>EPL is published under the scientific policy and control of the European Physical Society by EDP Sciences, IOP Publishing and SIF for a partnership of 17 European physical societies (the EPL Association). The journal publishes original, high-quality Letters in all areas of physics, ranging from condensed matter topics and interdisciplinary research to astrophysics, geophysics, plasma and fusion sciences, including those with application potential. Articles must contain sufficient argument and supporting information to satisfy workers in the field, and must also be of interest and relevance to wider sections of the physics community.</p>	
<p>HORIBA Scientific</p> <p>http://www.horiba.com/scientific/</p> <p>Horiba Scientific is one of the five divisions of the Japanese company HORIBA. It's mainly the new appellation of the former French company Jobin Yvon, the leader in Optical Spectroscopy. It is now located in a new building in Palaiseau, near Ecole Polytechnique and Institut d'Optique in the heart of the new scientific area near Paris. Horiba Scientific, with more than 450 persons including the subsidiary can provide high level research equipments in the fields of Gratings, Raman Spectroscopy, Spectrometers, Emission, Fluorescence and more recently in the domain of Biological sciences.</p>	
<p>IDIL</p> <p>http://www.idil.fr/</p> <p>IDIL Fibres Optiques propose des solutions dans le domaine des atomes froids, composants seuls ou systèmes complets : diode laser et diodes laser à cavité étendue, amplificateur à semi-conducteur, composants fibrés (coupleur, multiplexeur, etc...), électronique de pilotage, cellule de gaz, spectroscopie d'absorption saturée. Nous avons une offre d'étude, de développement et d'intégration de composants et de systèmes fibrés s'appuyant sur : notre expertise optoélectronique et laser, notre savoir-faire en fabrication de fibres optiques et sonde et en intégration de composants à fibres optiques, les produits de nos partenaires dont nous maîtrisons la technologie (Ocean Optics (USA/NL), Mikropack (Ger), Sacher Lasertechnik (Ger)).</p>	

<p>IOP Publishing</p> <p>www.ioppublishing.org</p> <p>IOP Publishing is a world leader in scientific publishing and the electronic dissemination of physics. The portfolio includes a number of exceptional journals, magazines and websites across many scientific, technical and medical disciplines. This reputation for innovation has continued with the full digitization of the complete Journal Archive as well as web products and services for the STM community, including physicsworld.com, medicalphysicsweb.org, nanotechweb.org and IOPscience.org.</p>	<p>IOP Publishing</p>
<p>MPB Communications Inc.</p> <p>http://www.mpbca.ca/</p> <p>MPB Communications, founded in 1976, is a developer of Photonics based products used in Communications, Lasers and Space Based Products. Our Raman Fibre Amplifiers developed for Ultra Long-Haul Repeaterless Communications links have been adapted for use in our Fibre Laser Product line. With this technology we are able to offer the R&D sector Single Frequency Raman Fibre Amplification which respects the narrow linewidth needed in many research applications. Our Fibre Amplifiers have produced amplification of low power seed sources of 20mW and amplified up to 36 Watts at 1178nm. We have further developed this technology to operate at a variety of wavelengths to meet the demands of our client base. MPB Communications remains committed to offering our clients reliable cutting edge technology for their demanding applications.</p>	
<p>MenloSystems</p> <p>http://www.menlosystems.com/</p> <p>Menlo Systems is a leading developer and global supplier of instrumentation for high-precision metrology. Known for its Nobel Prize winning optical frequency comb technology, the Munich-based company offers complete solutions based on ultrafast lasers, synchronization electronics and THz systems for applications in research and industry.</p>	<p>MenloSystems</p>
<p>M-SQUARED</p> <p>http://www.m2lasers.com/</p>	
<p>NKT PHOTONICS</p> <p>http://www.nktphotonics.com/</p> <p>NKT Photonics A/S is the result of a merger in 2009 between Crystal Fibre A/S and Koheras A/S. We focus on commercial optical solutions that simplify the value chain and bring enhancement for the end-customer. The product ranges from Crystal Fibre photonic crystal fibers, Koheras ultra noise narrow linewidth lasers, SuperK high power supercontinuum sources and Argos high power cw OPO systems.</p>	

<p>NUFERN</p> <p>http://www.nufern.com/</p> <p>Nufern is a leading U.S. manufacturer of specialty optical fibers, gyro coils, and fiber lasers & amplifiers serving diverse markets, including a strong position in ultra-cold and atom trapping sciences. Current products include over 300 standard fibers and a range of amplifier and turn-key laser systems from mW to kW power levels. With a dedicated commitment to the scientific market over the last 10 years, Nufern has built a reputation for high power single frequency amplifiers in the 1W to 100W power regime at multiple wavelengths, with low noise stable output combined with long term reliability and excellent customer service. Supplying cost effective solutions, including demo units, Nufern is constantly working with the scientific community to provide new and improved fiber lasers and amplifiers.</p>	
<p>OPTON LASER INT.</p> <p>http://www.optonlaser.com/</p> <p>Opton Laser International est distributeur en France de lasers, instrumentation et composants dédiés au refroidissement d'atomes et plus généralement à la physique atomique. Nous représentons notamment Toptica Photonics (diode laser à cavité externe, diodes DFB, systèmes amplifiés et doublés en fréquence, électroniques de stabilisation, lasers à fibre fs), Highfinesse (lambdamètres de précision), Picoquant (comptage de photons), HC Photonics (cristaux non linéaire PPLN).</p>	 <p>Opton Laser International</p>
<p>OPTOPRIM</p> <p>http://www.optoprim.com/</p> <p>As european distribution network, Optoprim serves research and industrial photonics markets. Anywhere photons are we offer solutions from source to the end control and data acquisition. With our customers we define the most suitable equipments, standard or customized, we install and service them, providing technical support. Optoprim's aim is to develop long term relationship with his principals and his customers. Established since 1994, Optoprim has grown up year after year and plays today a major role in the photonics industry.</p>	
<p>OXFORD UNIVERSITY PRESS</p> <p>http://global.oup.com/</p>	

<p>QUANTEL</p> <p>http://www.quantel-laser.com</p> <p>Acteur clé de l'industrie du laser à solide à l'international depuis 1970, Quantel met son expertise technologique au service des marchés scientifique, industriel et médical. Grâce à une politique tournée vers la recherche, le développement et l'innovation, Quantel propose des produits à la pointe de la technologie. Forte de ses compétences, Quantel est aujourd'hui leader mondial dans le secteur des lasers impulsionnels à solide.</p>	
<p>Qubig GmbH</p> <p>http://www.qubig.com</p>	
<p>ROFIN-BAASEL FRANCE</p> <p>http://www.rofin.fr/</p> <p>Rofin Baasel France Component Division offers lasers, laser accessories, instruments, optical components made by companies belonging to the Rofin group and by independent companies as well. Those products, made by world leaders in their own fields, are designed for scientific research, industrial applications, medical research, instrumentation, vision, defence, system integration.</p>	
<p>Sacher Lasertechnik</p> <p>http://www.sacher-laser.com/</p>	
<p>Schäfter + Kirchhoff</p> <p>http://www.sukhamburg.com/produkte_e.html</p> <p>Schäfter+Kirchhoff has accumulated a lot of experience in the development of opto-mechanical and opto-electronic systems for use in research, aviation and in space, as well as for medical and industrial applications. A large variety of fiber-optic components suitable for demanding application fields such as quantum optics is in use in many laboratories worldwide. In addition to fiber-optic components Schäfter+Kirchhoff also designs and manufactures their own CCD line scan camera systems, laser sources and beam-shaping optics.</p>	
<p>Springer</p> <p>http://www.springer.com/?SGWID=7-102-0-0-0</p>	

<p>TOPTICA PHOTONICS</p> <p>http://www.toptica.com/</p> <p>TOPTICA Photonics AG develops, manufactures, services and distributes technology-leading diode and fiber lasers and laser systems for scientific and industrial applications. Sales and service are offered worldwide through TOPTICA Germany and its subsidiary TOPTICA USA, as well as all through 14 distributors. A key point of the company philosophy is the close cooperation between development and research to meet our customers' demanding requirements for sophisticated customized system solutions and their subsequent commercialization.</p>	
<p>World Scientific Publishing</p> <p>http://www.worldscientific.com/</p> <p>Established in 1981, World Scientific Publishing Company today is one of the leading STM publishers. Publishing around 500 titles a year and 100 journals, and with offices worldwide, our mission is to develop the highest quality knowledge-based products and services for the academic, scientific, professional, research and student communities.</p>	