

ALPhANOV strengthens and expands**Pascal Dupriez, Rainer Kling and Arnaud Zoubir join ALPhANOV****Reorganization into three fields of excellence****New premises at the City of Photonics (Pessac – France)**

ALPhANOV, the Optics and Laser Technology Center of the Route des Lasers cluster (Bordeaux – France) just hired three new employees, and fleshing out its management team. These new hires accompany a reorganization of activities and a new location at the City of Photonics in Pessac in the outskirts of Bordeaux.

High definition pictures and logos on request.

A reorganization in three fields of excellence

ALPhANOV, the technology center of the Bordeaux Route des Lasers cluster, has completed the reorganization of its business into three business units:

- **Micromachining laser:** study of various phenomena of interaction laser / material; application of these phenomena to any type of material, including living tissue; development of industrial processes.
- **Lasers:** development of laser sources and components, with expertise in special optical fibers; implementation of these elements; development of new architectures.
- **Systems:** Design and production of optical systems; development and provision of a platform for terahertz and photo-thermal imaging; microscopes customization; manufacturing of micro-machining laser systems.

Each division offers its core partners and customers ALPhANOV's full expertise:

- Participation in **collaborative projects** coordinated by the center or not, to accelerate technology transfer between research laboratories and companies or to help them develop innovative products
- **Tailored solutions** to technological or industrial problems, based on the technical and human resources from the center,
- **Process validation** and **small series** manufacturing
- **Internal research** and **product catalogs** from this research

ALPhANOV – Optics and Laser Technology Center

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A management team expanded

Three new employees have joined the new organization.

Pascal DUPRIEZ heads the Lasers division, responsible for developing novel fiber components and laser sources to provide solutions to various scientific and industrial applications. Prior to joining Alphanov, Pascal Dupriez was Head of Advanced Laser Systems at Fianium, developing ultrafast fiber lasers including high-energy femtosecond lasers and high-power supercontinuum sources. He completed his PhD in high-power fiber lasers at the Optoelectronics Research Centre (ORC) in Southampton, UK.



Rainer KLING will take in the coming months the direction of the Laser Micromachining division. He holds a doctoral thesis, conducted at the Institute for Plasma Physics at the University of Hannover, and headed previously the Department Production and Systems Technology of the Laser Zentrum Hanover (LZH). These functions and his expertise in photovoltaic technologies, micro machining and processing of CFRP led him to exercise responsibility in various prestigious organizations: Rainer Kling is Session Chair for ICALEO and Photonics West conferences and expert for the Journal of Production Engineering.





Arnaud Zoubir recently joined ALPhANOV. He is in charge of business and collaborative projects development. He holds a Ph.D. in Optics (CREOL/University of Central Florida) and conducted research at the Australian National University and Osaka University. Before joining Alphanov, Arnaud Zoubir worked at HORIBA Jobin Yvon for five years, as the Worldwide Sales Manager for Scientific products.

New premises on the City of Photonics in Pessac

Installed since its creation in 2007 in the heart of the Bordeaux University campus in Talence, ALPhANOV, which currently hires 25 employees, has just completed its historic location with new premises within the City of Photonics in Pessac. The Lasers Division, occupying the new premises, is thus on the same area as several partner companies, such as Amplitude Systèmes, EOLITE Systems, Azur Light Systems or Laser 3S, a proximity that should further encourage collaborative projects. Eventually, ALPhANOV as a whole will move to the Centre Optique Aquitain at the end of 2012, currently under construction on the campus of Talence. The center will host ALPhANOV, together with the Aquitaine branch of the Institute of Optics Graduate School and the training platform Pyla.

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About ALPhANOV

Founded in 2007, the Optics and Laser Technology Center ALPhANOV aims to boost innovation through collaboration between research and industry. It mobilizes, along with the expertise of its staff, skills of laboratories, SMEs and large companies of the Aquitaine optics and lasers industry. It contributes to the creation and development of companies by providing innovative solutions that meet their expectations. It offers an array of parallel resources and services in optics and lasers, including laser micromachining, terahertz imaging, laser components and development of optical systems.

About the Bordeaux Route des Lasers cluster

The Route des Lasers cluster was distinguished as a Competitiveness Cluster in July 2005. It brings together laboratories, companies and training centers of the Aquitaine optics and lasers industry. With its partners, it offers to its members a range of tools for industrial development: collaborative projects, support for export, dedicated real estate.

About the City of Photonics - Unitec

Managed by the SEML Route des Lasers, the City of Photonics - Unitec was conducted as part of the development of the Aquitaine optics and laser industry. This science and technology park of 3.8 ha, located in the commune of Pessac aims to participate in the development and transfer of technology of this sector, and stimulate creation and implementation of companies applying optical technologies in various areas. It currently has four buildings in operation and brings together a dozen companies.

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