

## European consortium “ACTMOST “ answers industry’s needs for access to cutting edge micro-photonic technologies

Market forecasts predict a bright future for photonic-based products. (Information on the photonics market in Europe and in the world can be found in the text box) Product innovation however, based on cutting-edge micro-photonic components, remains technologically very complex because it often requires a complete and expensive high-technology supply chain operated by top-experts. In many cases companies, and in particular small- and medium-sized enterprises, do not have direct access to such infrastructure. To overcome this show-stopper for industrial innovation in Europe 14 high-tech research laboratories from 6 European member states have joined forces and created a unique "one-stop-shop-solution-provider" for micro-photonic technologies.

“We have called our European centre “ACTMOST” “, says Hugo Thienpont from the Brussels Photonics Team who is the coordinator of this initiative. “ACTMOST stands for Access Centre To Micro-Optics Expertise, Services and Technologies. Our main goal is to pro-actively provide European companies with timely, cost-effective, and investment-free access to professional, cutting-edge micro-photonic technologies and knowledge to support the development of new products. The technology support that we can provide encompasses the entire food-chain of micro-photonics: from optical design, to measurement, prototyping, replication and packaging, all the way to proof-of-concept demonstration and reliability testing. We aim at providing complete solutions for companies through focused collaborations and through hands-on training of industry staff in the highly advanced laboratories of the ACTMOST research institutions”.

Thienpont adds: “Important to remark is that the support we will provide to industry is –under certain conditions and up to a certain level- financially fully subsidized by the European Commission. With this cost-efficient and risk free support we aim at lowering the barriers for industry to start working with us and validate micro-photonic solutions for product innovation. ACTMOST will be a major driving force to sustainably support European industry in keeping a leading position in micro-optic and micro-photonic enhanced products, strengthening the competitiveness of Europe and creating new jobs.”

ACTMOST will inform interested European companies about the opportunities it has in store during its first “Workshop for Industry” on December 3<sup>rd</sup> 2010 in Brussels, Belgium. ACTMOST will start serving European companies from January 2011 onward. More information can be found on [www.actmost.eu](http://www.actmost.eu) .

\* Photonics Market in Europe and the world.

According to the European Technology Platform “Photonics 21” that represents the European photonics industry, research institutions, and universities, the global photonics market in 2008 was estimated to be around €270 billion, of which Europe took €55 billion. This corresponds to a share of more than 20% of the worldwide production volume in the photonics industry. In Europe more than 5000 companies are involved in photonics, most of them SMEs. The core sectors are lighting, production technology, medical technology, defense photonics and optical components and systems with market shares ranging from 25 to 45 %. Photonics companies themselves employ about 290.000 people in Europe.

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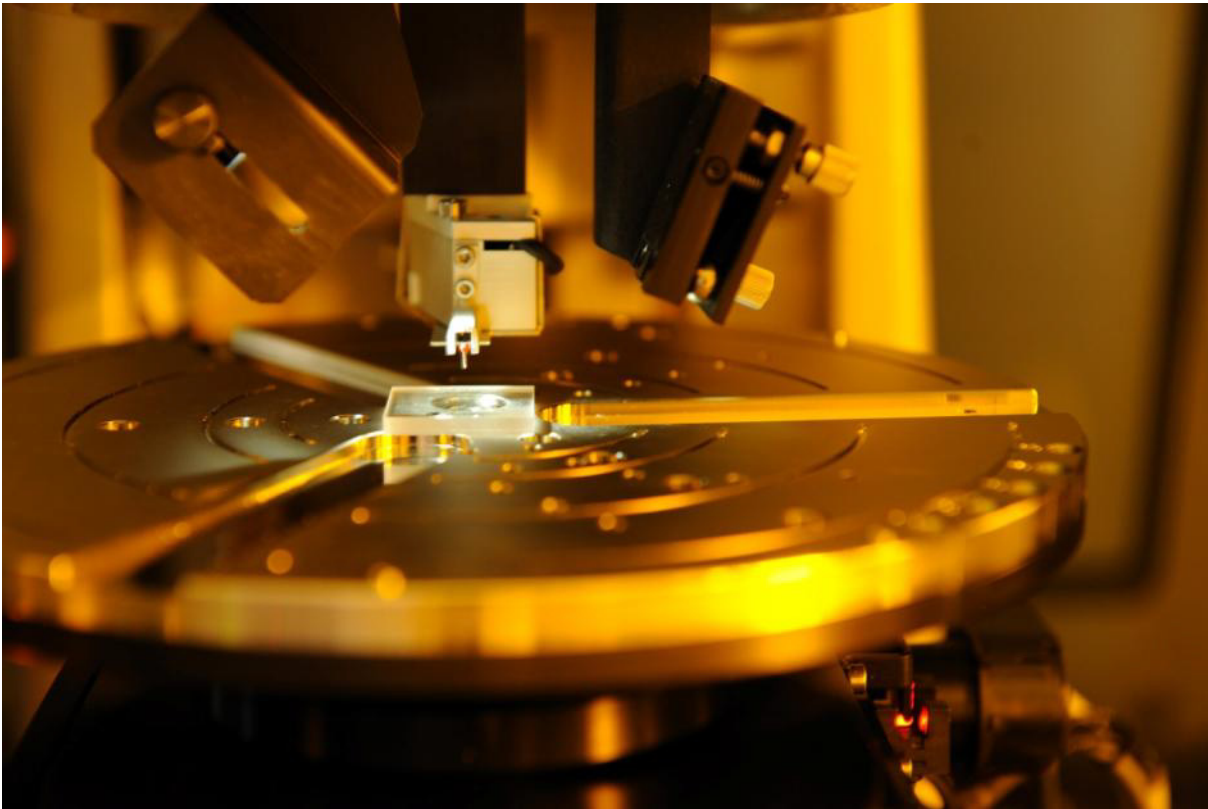
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Photos:



Caption: ACTMOST aims at supporting European companies with cutting-edge micro-photonics technologies for product innovation and will also open up its facilities for hands-on training of company staff



Additional photos can be downloaded from [www.actmost.eu](http://www.actmost.eu)