

Press Release



Hub of Application Laboratories for Equipment Assessment
in Laser Based Manufacturing

Vilnius, July 30, 2014

APPOLO Project Activities Raises International Echo

In the first half of 2014 the FP7 project “Hub of Application Laboratories for Equipment Assessment in Laser Based Manufacturing” (APPOLO) and its 21 project members demonstrated high user relevance and networking activities within the laser-based industries. In just 6 months they showed presence at over 16 international conferences and exhibitions promoting the upcoming APPOLO assessment activities all over the world connecting researchers, suppliers, manufacturers and end-users of laser.

Gediminas Račiukaitis, Project Coordinator of APPOLO can already see internalized benefits of the exchange of APPOLO partners with external potential customers along the value chain in different industries: “It is amazing to see, how HUB members act in a fruitful crowd not only representing their own company, but also promoting the APPOLO project and discussing the recent efforts in the APPOLO project. By that, we can add distinct industry needs to the diverse and complex structure of the APPOLO assessment chains.”

The APPOLO project seeks to establish and coordinate connections between the end-users, which have demand on laser technologies for (micro)fabrication, knowledge accumulated in the application laboratories of research institutes and universities and the laser equipment manufacturers (preferable SMEs: for integration, lasers, beam control and guiding, software, etc.) in order to facilitate faster validation of the process feasibility and adaptation or customization of the technology (equipment) for manufacturing conditions, including reliability of components and their interaction as well as assessment of the dedicated production processes in terms of the process speed, quality and repeatability.

Core of the consortium consist of laser application laboratories around Europe which are connected to a virtual hub to accumulate knowledge and infrastructure and promote the easy-to-access environment for development and validation of laser-based technologies. All partners selected a few directions (clusters) for validation of novel laser technologies, including equipments: the ultra-short pulse laser scribing for monolithic interconnects in CIGS solar cells: from laser to pilot line; use of lasers in smart surface texturing for automotive and printing/decoration industries and for the real-3D flexible electronics. Innovative SMEs are related to large system-integrators and end-users through the application laboratories.

Meet the APPOLO project and its partners at upcoming events!

Conference/Exhibition	Location	Date	Web
LANE - 8th International Conference on Photonic Technologies	Fuerth, Germany	09.-11. Sept. 2014	http://www.lane-conference.org/
EU PVSECC - 29th European Photovoltaic Solar Energy Conference and Exhibition	Amsterdam, Netherlands	22.-29. Sept. 2014	https://www.photovoltai-conference.com/
LME - Lasers for Manufacturing Event	Schaumburg, IL, USA	23.-24. Sept. 2014	http://www.lia.org/conferences/laserevent



ICPEPA'9 International Conference on Photo-Excited Processes and Applications	Matsue, Japan	29. Sept.-03.Oct. 2014	http://icpepa9.com/
ICALEO - International Congress on Applications of Lasers & Electro-Optics 2014	San Diego, CA, USA	19.-23. Oct. 2014	http://www.lia.org/conferences/icaleo/conference
14th Edition Precision Fair	Veldhoven, Netherlands	12.-13 Nov. 2014	http://www.precisiebeurs.nl/intro-en-us/

In not even one year, APPOLO and its project members were present at the following exhibitions and conferences:

- PW 2014 - SPIE Photonics West 2014
- Innovation Forum MikroLas
- Laser World of Photonics China 2014
- PE 2014 - SPIE Photonics Europe
- Photonix 2014
- HPLA - High Power Laser Ablation
- SLPC 2014 - Smart Laser Processing Conference
- AKL'14 - International Laser Technology Congress
- 5th International Conference on Radiation Interaction with Materials
- E-MRS Spring meeting
- CLEO 2014 - Laser Science to Photonic Applications
- LPM2014 - 15th International Symposium on Laser Precision Microfabrication
- EPMT - Environment Professional Microtechnologies
- PDM 2014 - Plastics Design & Moulding
- SLT - Stuttgart Laser Technology Forum
- LO 2014 - Laser Optics Conference on Laser Optics

Contact Information

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