09.05.2018

Press Release

Focus on Industrial Applications

Free Workshops at LaSys

At LaSys 2018, which is the leading international fair focusing on the use of lasers in industrial manufacturing, LASER COMPONENTS will not only present its latest product innovations (booth 4C33) but will also offer workshops to provide experts with information on current topics. Participation is free; however, the number of seats is limited. Therefore, attendees are asked to register early.

Tuesday, June 5, 2018, 11:00 a.m. to 12:30 p.m.:
Processing of Optical Fibers

It is hard to imagine modern laser and material processing technologies without optical fibers of all shapes and diameters: They are crucial for guiding laser light to the desired location. To achieve this, they must be melted, joined, and formed with very high precision. This workshop will provide an overview of the methods and tools that can be used to achieve the best results for each specific purpose. LASER COMPONENTS will present the latest developments.

Tuesday, June 5, 2018, 1:00 p.m. to 2:30 p.m.:
Diffractive Optics in Industrial Applications

Diffractive optical elements (DOEs) are used to shape and split laser beams. They are more efficient than complex free-beam assemblies; however, it is necessary to be familiar with the components' properties to apply them correctly. In the first part of the workshop, DOE production engineers at Holo/OR will provide theoretical background. Later on, experts from our industrial partner Edgewave will share their experiences in day-to-day industrial operations. Their focus will be on cutting glass, as well as laser ablation in copper and sapphire.

Thursday, July 7, 2018, 11:30 a.m. to 12:00 p.m.:
Real-time Measurement of Beam Parameters

The measurement of laser beam metrics, regardless of power, can be challenging. At the same time, there is an ever-growing demand for user-friendly real-time solutions; for example, when it comes to qualifying ubiquitous fiber lasers. At the Laser in Action forum, our technology partner Haas Laser Technologies will present simple techniques for the ISO-compliant, real-time measurement of the beam waist (M^2,...), which can be used at outputs ranging from milliwatts to lasers with more than 30 kilowatts.

More Information

www.lasercomponents.com/de-en/news-events/lc-campus/workshops/workshops-at-lasys/

The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 220 employees worldwide.

Laser Components GmbH
Contact: Claudia Michalke
Tel: +49 8142 2864 – 0
c.michalke@lasercomponents.com
www.lasercomponents.com