

## 3S PHOTONICS, Avensys Tech and ITF Labs will attend Photonics West 2011

**January 25-27, 2011**  
**The Moscone Center, San Francisco**  
**- Booth 5009 -**

**Nosay, January 17, 2011** - 3S PHOTONICS, Avensys Tech and ITF Labs will attend Photonics West 2011 which will be held at The Moscone Center, San Francisco, from January 25-27.

During this important show, 3S PHOTONICS, Avensys Tech & ITF Labs will showcase different products for Lasers, Sensing & Telecom markets, such as: Pump Signal Combiners and Fiber Laser Combiners, 1064 Seed Lasers, FBG Mirrors for 1 $\mu$ m and 2 $\mu$ m applications (Lasers), Single & Distributed Sensing, High Temperature Sensors, WDM & TDM Applications (Sensing) & DPSK/GFF/FBG, 980 & 14XX Pumps, Transmission Laser Modules (Telecom).

ITF Labs research results will be presented in the following technical sessions:

- **Poster Session - Tuesday 25<sup>th</sup>, 6:00pm - 7:30pm**
  - o *"LMA fiber modal decomposition using image factor analysis"* (Proceeding 7914-94)
  - o *"Defining Coiling Adiabaticity"* (Proceeding 7914-91)
- **Conference - Wednesday 26<sup>th</sup>, 11:30 am**
  - o *"From Stokes measurements to PDF post-processing"* (Conference 7958-5)

Leading trade show for the profession, Photonics West (1,142 exhibitors, 18,327 visitors and 3,600 technical presentations in 2010) is the North America's largest international photonics conference for laser, optoelectronics, optics and medical imaging.

For additional information: <http://spie.org/x2584.xml>



### **About Avensys**

Avensys Inc., is structured around two divisions, Avensys Tech and Avensys Solutions. Avensys Tech, designs, manufactures, distributes, and markets high reliability optical components and modules as well as FBGs for the telecom market and high power devices and sub-assemblies for the industrial market. Avensys Tech is also a pioneer in the development of packaged fiber-based sensors.

Avensys Solutions, the other division of Avensys Inc., is an industry leader in providing instrumentation and integrated solutions for the monitoring of industrial processes and environmental surveillance applications for air and water in the Canadian marketplace.

To find out more about Avensys Inc., visit our website at [www.avensys.com](http://www.avensys.com).

### **About ITF Labs**

ITF Laboratories Inc. is 49% owned by Avensys Inc., a wholly-owned subsidiary of 3S PHOTONICS, ITF Labs spearheads the development of ultra-reliable fiber optic systems including high-power fused components, optical sensors, instrumentation and fiber laser components. ITF Labs possesses leading edge intellectual property in Telecom, Fiber Laser and Sensor markets.

To find out more about ITF Labs, visit: [www.itflabs.com](http://www.itflabs.com)

### **About 3S PHOTONICS**

3S PHOTONICS – formerly Alcatel Optronics – is the leading world manufacturer of laser chips, optical discrete modules and components for undersea telecommunication networks. It designs, develops, manufactures and commercializes active components powered by in-house III-V optoelectronic chips based on both Gallium Arsenide (GaAs) and Indium Phosphide (InP) technologies and passive components using Fiber Bragg Gratings (FBG).

The 3S PHOTONICS renowned optoelectronic chip manufacturing plant of Nozay is a technological feat that is unique in the world as it brings together GaAs and InP technologies under the same roof.

Its product portfolio includes five product lines:

- \* Transmission Laser and Detector Modules
- \* Pump Laser Modules for terrestrial and submarine applications
- \* Chromatic Dispersion Compensation Modules
- \* Filters, gain equalizers and pump stabilizers based on Fiber Bragg Gratings for terrestrial and submarine applications
- \* Chips (lasers and detectors) and Front End Services

With over 15 years of experience, the company takes advantage of its expertise and know-how to also address new markets, providing smart solutions for defense, industrial and medical applications.

Based in Nozay (near Paris, France), 3S PHOTONICS is run by Alexandre Krivine and Didier Sauvage. The company employs over 160 people, of which 130 are experts in the photonics industry.

To find out more about 3S PHOTONICS., visit: [www.3Sphotonics.com](http://www.3Sphotonics.com)

### **Press contacts**

Avensys Inc.  
Louise Clément  
T.: 514-428-6766  
[lclement@avensys.com](mailto:lclement@avensys.com)