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Multimaterial optical fiber sensors

Prof. Fabien Sorin

*Photonic materials and fiber devices group, Ecole Polytechnique Fédérale
de Lausanne, Switzerland*

Thursday 20 September 2018 - 2:00 AM

Sala Conferenze SITI, Corso Castelfidardo 30/A – TORINO

Prof. Fabien Sorin from EPFL will give a lecture within the framework of the Graduate Course in “Materials for Photonics and Sensing” organized by the PhotoNext Interdepartmental Center @POLITO.



Fabien Sorin gained a Master of Science in Physics in 2002 from the Ecole Polytechnique in Palaiseau, France, and then joined the department of Materials Science and Engineering at the Massachusetts Institute of Technology (MIT) in Cambridge, USA for his graduate studies. He worked as a research assistant in the Photonic Bandgap Fibers and Devices Group of Professor Yoel Fink and graduated with a PhD in 2008. His PhD thesis led to the development of a new class of fiber material and devices and he was a pioneer of the field of multi-material fibers. After a post Doc at MIT, he joined in 2011 the Surface du Verre et Interface Group at Saint-Gobain Recherche, Aubervilliers, France, as Research Engineer. Since 2013 he is in the Department of Materials Science (IMX) at the Ecole Polytechnique Fédérale de Lausanne (EPFL) as an Assistant Professor tenure-track. He is starting a research group on photonic materials and fiber devices (FIMAP), developing innovative materials processing approaches and photonic device architectures to develop new solutions in energy harvesting, saving and storage, in sensing and monitoring, health care and smart fabrics.

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