

## Fabio Nobile - École Polytechnique Fédérale de Lausanne, Switzerland

<b>Talk title</b>	Multilevel Monte Carlo methods for Uncertainty Quantification and robust design optimization
<b>Biography</b>	<p>Fabio Nobile is associate professor in Mathematics at the Ecole Polytechnique Federale de Lausanne, Switzerland, since 2011. Previously he has been assistant professor in numerical analysis at Politecnico di Milano. He graduated in electronic engineering at Politecnico di Milano in 1998; PhD in Applied Mathematics at EPFL in 2001; 2 year post-doc position (ICES fellowship) at ICES, University of Texas at Austin. Invited speaker to several international conferences and workshops, including the 7th European Congress of Mathematics 7ECM in 2016. Co-Chair and main organizer of the SIAM UQ16 conference, EPFL. He is author of more than 60 publications on international journals. He is member of the editorial board of 5 international journals. His main research activity is in numerical approximation of PDEs with stochastic coefficients, sparse and multilevel approximation techniques, numerical solution of fluid-structure interaction problems, simulation of the cardiovascular system.</p>