



## Luca Podofillini

### PSAM12 Speaker Bio

## Quantification of Bayesian Belief Net Relationships for HRA from Operational Event Analyses

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**Short Statement:** First author

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### BIOGRAPHY

Dr. L. Podofillini is senior scientist in the Risk and Human Reliability Group (Laboratory of Energy Systems Analyses) of the Paul Scherrer Institute (Switzerland).

He has a Nuclear Engineering degree and Ph.D. in Nuclear Engineering from the Polytechnic of Milan (2004). His current activities include Human Reliability Analysis (HRA) research and regulatory support tasks for the Swiss Federal Nuclear Safety Inspectorate. His research addresses the development of quantitative models of human performance in industrial systems, with focus on errors in decision-making, dynamic safety assessment, and collection of data in simulated emergencies. He is co-author of about 30 papers on international scientific journals. Regulatory tasks include support to the reviews of Probabilistic Safety Assessments of the Swiss nuclear Power Plants. He is Chair of the ESRA (European Safety and Reliability Association) Technical Committee for Human Factors and Human Reliability and member of the Board of the HRA Society ([www.hrasociety.org](http://www.hrasociety.org)).

