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**Piero Baraldi** (BS in nuclear engng., Politecnico di Milano, 2002; European PhD in ‘Radiation science and engineering’, Politecnico di Milano, 2006) has been associate professor of Nuclear Engineering at the Department of Energy at the Politecnico di Milano (Italy) since 2015 and he has obtained the Italian national scientific qualification to function as full professor since 2015.

He is professor of the academic courses “Reliability, Safety and Risk Analysis” (since 2013) and “Computational Methods for Reliability, Availability and Maintenance” (since 2011) for senior energy and nuclear engineering undergraduate students at the Polytechnic of Milan. He has been coordinator of the activities of the course “Maintenance of Nuclear Installations” at the international master in “Nuclear Energy” organized by University Paris Sud XI, Paristech, Supelec, Ecole Centrale Paris, CEA/INSTN in Paris, France from 2011 to 2016.

He has been work package coordinator in the projects “Electrical powertrain Health Monitoring for Increased Safety of FEVs” and in the Initial Training Network “Innovation through human factors in risk analysis and management” sponsored by the European Union within the Seventh Framework Programme.

His main research efforts are currently devoted to the development of methods and techniques for system health monitoring, fault diagnostics, prognostics and maintenance. He is also interested in methodologies for rationally handling the uncertainty and ambiguity in the information.

He has been functioning as Technical Programme Chair of the 2013 Prognostics and System Health Management Conference (PHM-2013), Milano (Italy) 2013, and as Technical Committee Co-Chair of the European Safety and Reliability Conference, ESREL 2014, Wroclaw (Poland), 2014. He is associated editor of the ‘Journal of Risk and Reliability’. He is treasurer of the European Safety and Reliability Association (ESRA) and Chairman of the ESRA Technical Committee on Fault Diagnosis. He has been invited keynote Lecturer at the plenary sessions of the European Safety and Reliability Conference, ESREL 2014, at Wroclaw (Poland) and of the 2016 Prognostics and System Health Management Conference, at Chengdu (China). He has been invited to present 4 tutorials at international conferences.

He is co-author of 2 books and more than 140 papers on international journals and proceedings of international conferences.