

Research Center of Smart Networks and Systems IEEE Fellow Forum

Talks

1. **Synchronization and Control of Networks with Dynamic Links, Multiplex and Adaptive Structures**
2. **Convergence and Synchronization in Piecewise Smooth Networks**

Mario di Bernardo (IEEE Fellow)

University of Naples Federico II, Italy

University of Bristol, U.K

Distinguished Lecturer of the IEEE Circuits and Systems Society



Time: 09:00 - 11:30, 19th October, 2016
Location: Room 521, Henglong Physics Building

Brief biography

Mario di Bernardo (SMIEEE '06, FIEEE 2012) is currently Full Professor of Automatic Control at the University of Naples Federico II, Italy. He is also Professor of Nonlinear Systems and Control at the University of Bristol, U.K. On 28th February 2007 he was bestowed the title of "*Cavaliere*" of the Order of Merit of the Italian Republic for scientific merits from the President of Italy.

In 2006 and again in 2009 he was elected to the Board of Governors of the IEEE Circuits and Systems Society. From 2011 to 2014 he was Vice President for Financial Activities of the IEEE Circuits and Systems Society. In 2009, He was elected President of the Italian Society for Chaos and Complexity for the term 2010-2013. He was re-elected in 2010 for the term 2014-2017. In January 2012 he was elevated to the grade of Fellow of the IEEE for his contributions to the analysis, control and applications of nonlinear systems and complex networks. In 2014 he was appointed to the Board of Governors of the IEEE Control Systems Society.

His research interests include the analysis, synchronization and control of complex networked systems; the analysis and control of hybrid and piecewise-smooth dynamical systems; nonlinear dynamics, nonlinear control theory and applications to engineering and synthetic biology. He authored or co-authored more than 220 international scientific publications including more than 110 papers in scientific journals, over 100 contributions to refereed conference proceedings, a unique research monograph on the dynamics and bifurcations of piecewise-smooth systems published by Springer-Verlag and two edited books. His h-index is 36 and his publications received almost 5000 citations by other authors.

Organizer

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