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Theory and Application of Multi-Formalism Modeling

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Marco Gribaudo (Politecnico di Milano, Italy) and Mauro Iacono (Seconda Università degli Studi di Napoli, Italy)

With complex systems and complex requirements being a challenge that designers must face to reach quality results, multi-formalism modeling offers tools and methods that allow modelers to exploit the benefits of different techniques in a general framework intended to address these challenges.

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Marco Gribaudo is a senior researcher at the Politecnico di Milano - Italy. He works in the performance evaluation group and his current research interests are multi-formalism modeling, queuing networks, mean-field analysis and spatial models. The main applications to which the previous methodologies are applied come from cloud computing, multicore architectures, and wireless sensor networks.

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