Annuncio di Seminario
venerdì 11 marzo ore 15:00 sala riunioni R3
Dipartimento di Ingegneria Elettronica

Reliability-Oriented Design and Analysis Solutions for Multi/Many-core Architectures

Relatrice: **Prof. Cristiana Bolchini**,
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The availability of numerous, possibly heterogeneous, processing resources in multi-core systems allows one to exploit them to optimize performance and/or power consumption. However, it is important to be aware that such solutions may have an impact on the overall lifetime of the system because of aging and wear-out mechanisms. This talk will give an overview of our work on the analysis and design solutions to increase lifetime reliability in multi/many-core architectures.

Cristiana Bolchini is a professor at Politecnico di Milano, where she received her Laurea in Electronic Engineering and a Phd in Computer Science and Automation Engineering. Her research interests include the analysis and design of embedded/computing systems with a specific focus on dependability and heterogeneous system architectures. She is also contributing to research in the field of data management in smart buildings/communities for energy efficiency.

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