

**INVITED SESSION SUMMARY****Title of Session:**

## Eco Designed through Systematic Innovation

**Name, Title and Affiliation of Chair:**

Prof. Ing. Davide Russo, Ph.D. University of Bergamo DIGIP department

**Details of Session (including aim and scope):**

Special Session Eco Design through Systematic Innovation (<http://sdm-16.kesinternational.org/>) offers the opportunity to combine Eco designed products with systematic innovation.

Systematic innovation is the process of methodically analyzing and solving problems aiming at identifying the right problems to be solved and, then, generating innovative solution concepts avoiding empirical trial-and-error approaches.

Systematic Innovation for Eco Design involves many aspects:

- how to identify environmental criticalities
- how to integrate “green” requirements into decision making process
- how to assess a “green” project
- how to conceive “green” solutions

The session is open to every theoretical and applicative contribution to eco-design, involving systematic methods, LCA applications, CAI tools, Requirements management and design theories conceived or experimented to support Eco Design.

**Topics/ Keywords –**

- Systematic Eco-design tools and methods
- TRIZ
- Design by analogy
- LCA - life cycle assessment
- Eco-design strategies/guidelines
- QFD
- Environmental requirements management

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):**

University of Bergamo, Ensam Paris, University of Florence, University of Bolzano, LCA Italian network (?)

**Website URL of Call for Papers (if any):****Email & Contact Details:**

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