**Proposed Special Session**

**Global Research Activities in Energy and Resource Efficient Manufacturing**

**Session Chairs:**
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**Session objectives:**
As energy efficiency in manufacturing is becoming more and more important for the competitiveness of enterprises, many countries have launched several research activities to dedicate the adequate space for improvements in this area. Collaboration and knowledge sharing on recent advances in ongoing research projects focusing on energy efficiency in manufacturing enables this special session for establishing an inter-project platform for discussion as well as fostering synergies for industrial and academic partners.

The aim of this session is to bring together partners from worldwide research initiatives on energy-efficiency in manufacturing to share their advancements and current states on this topic. The purpose of the special session is as well to lead to the creation of a global community in this field.

The session is mainly a networking event bringing together internationally respected research projects with presentations and discussions concerning the energy efficiency issue in manufacturing.

**Organizers of the Special Session:**
The session is organized and supported by EU FP7 Funded Project entitled “EMC²-Factory” (www.emc2-factory.eu)