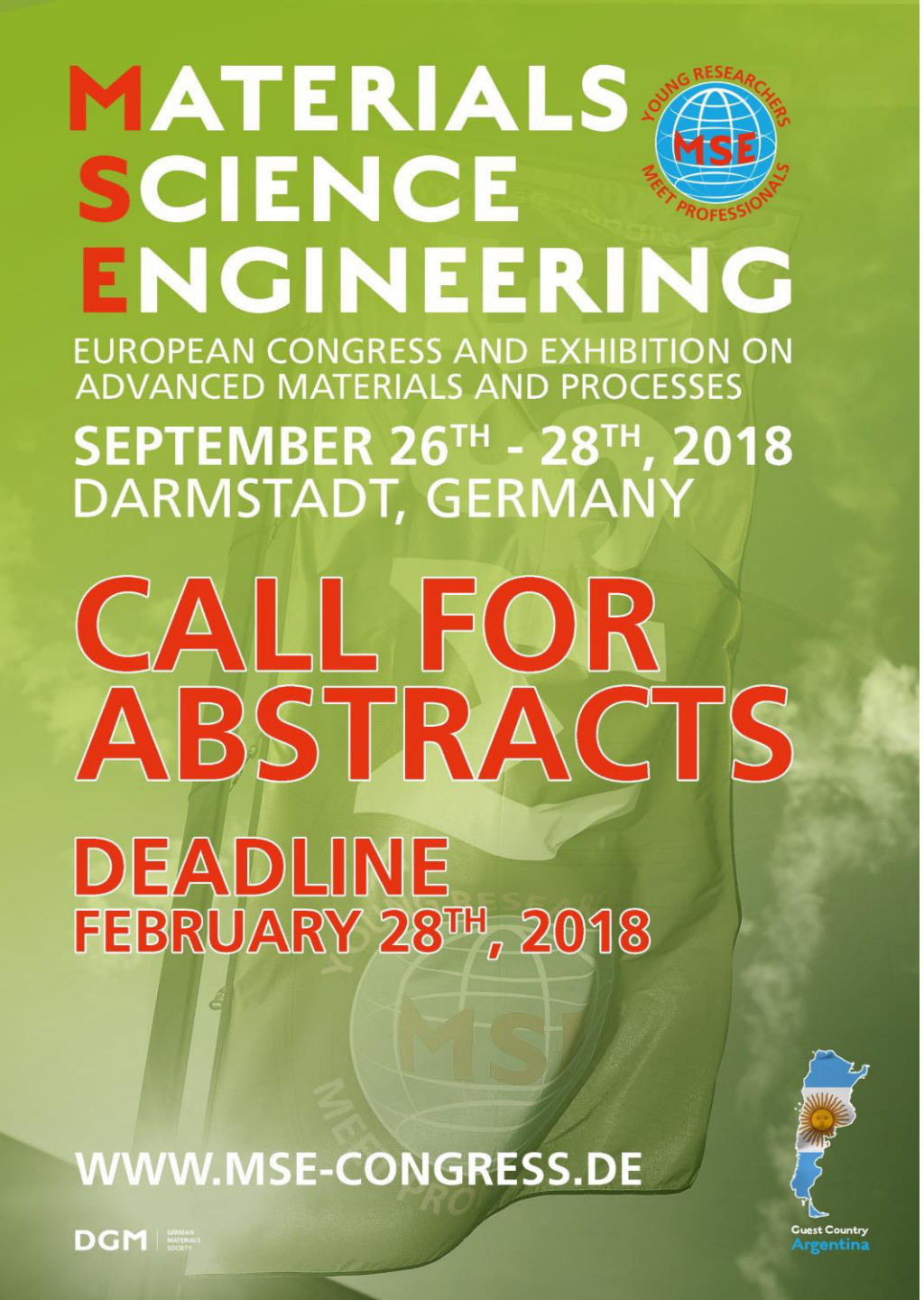


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## Key dates MSE 2018

| | |
|---|---|
| Deadline for abstracts | February 28th, 2018 |
| Evaluation of the abstracts | March 2018 |
| Confirmation to authors | May 2018 |
| Preliminary programme | June 2018 |
| Final programme | July/August 2018 |

September 25th, 2018 DGM-Tag 2018, the DGM General Assembly

September 26th – 28th 2018 MSE-Congress

P01: Manipulation of Matter by Electric and Magnetic Fields

P02: Additive Manufacturing Technologies and Materials

P03: Coatings and Thin Films for Structural and Functional Applications - Monika Willert-Porada Memorial Sympoisum

P04: Nanocomposites and Nanolaminated Functional Coatings

P05: Advances in Atomic Layer Deposition Technologies: Conformal Thin Films and Hybrid Materials for Energy, Electronics and Health

P06: Molecular Preparative Approaches to Functional Materials

P07: Joining

P08: Damage in Metal Forming

P09: Solution-Processed Absorber Materials for Photovoltaics and Solar Fuel Device Concepts

P10: Wet Processing of Nanostructured Materials

P11: Thin Film Formation and Nano Structuring Through the Control of Geometry and Deposition Parameters

# PROCESSING AND SYNTHESIS

## TOPIC COORDINATORS

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**SANJAY MATHUR**

**RALF RIEDEL**

The emphasis of this topic is the development of new techniques to synthesize materials with desired microstructure-property relation; to understand the physical phenomena that underpin materials synthesis such as diffusion, nucleation, and phase transitions; and to develop in situ monitoring and diagnostic capabilities. The synthesis of complex thin films, nanoscale materials, composites, coatings are just a part of this comprehensive emphasis.

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