

## CALL FOR PAPERS

### *15<sup>th</sup> Conference on Rapid Design, Prototyping and Manufacturing (RDPM 2017)*

Thursday 27<sup>th</sup> and Friday 28<sup>th</sup> April 2017

The RDPM Conference is well established as a platform for the dissemination of research in the field of additive manufacturing / 3D printing and associated technologies, now in its 15<sup>th</sup> year. This year, the conference will be hosted by Northumbria University, Newcastle, and once again will run over the course of two days.

The conference is open to a number of complimentary disciplines within the wider subject area of additive manufacturing and encourages presentations from interdisciplinary researchers and multidisciplinary projects. The conference is targeted towards PhD students and early career researchers (although more senior academics and industrialists are welcome) active in all aspects of additive manufacturing. The conference is organised as a non-profit making event with fees kept as low as possible, especially to encourage participation of undergraduates, postgraduate researchers and research assistants. The RDPM website will be kept updated with information relating to fees, accommodation and the programme or presentations.

Topics of interest include, but are not limited to, the following:

- AM in arts and crafts
- Industrial / product design for AM
- Engineering design for AM
- Design optimisation
- Sustainability
- Materials development and optimisation
- Process development and optimisation
- Process control and quality
- Rapid prototyping
- Software developments
- Post-processing and surface modification
- Customisation, mass-customisation and personalisation
- Hybrid processes
- Low cost 3D Printing
- Multi-functional component manufacture
- AM in education
- Applications (medical, aerospace, automotive, food, ceramics, etc.)
- End-of-life considerations

Submissions are now being invited for the conference. These should be four to six pages (maximum) in length, detailing a suitable title and the names and affiliations of all authors. Guidelines for the preparation of manuscripts is available on the RDPM website. **The deadline for submission of full papers is Monday 3<sup>rd</sup> April 2017.** A technical review panel will assess all submissions and those papers invited for presentation at the conference will be requested to submit revised manuscripts for publication in the conference proceedings.

All papers/queries should be submitted to the Conference Secretariat:  
[submissions@rdpmconference.co.uk](mailto:submissions@rdpmconference.co.uk).