

International Conference Advances in Materials and Processing Technologies

AMPT 2010

Paris, France • Oct. 24-27, 2010

Scope of the conference

Materials: metallic materials, polymers, ceramics, biomaterials, magnetic materials, electronic materials, semiconductor and other advanced materials

Forming Processes: bulk forming, sheet forming, hydroforming, spinning, high energy rate forming, powder forming, sintering, injection molding, CIPing, HIPing

Casting and Joining: casting and solidification, welding, brazing and soldering, mechanical fastening and adhesive bonding, heat treatment, thermomechanical treatments

Materials Removal Processes: cutting, high speed machining, hot machining, grinding, advances machining processes

High Energy Beam Processing: Laser and Electron beam in cutting, welding, surface melting, surface hardening and ceramic particles incorporation

Precision Engineering and Nanotechnology: electroforming, microforming, microalloying, net-shape manufacturing, nanofabrication, nanofilms, MEMS

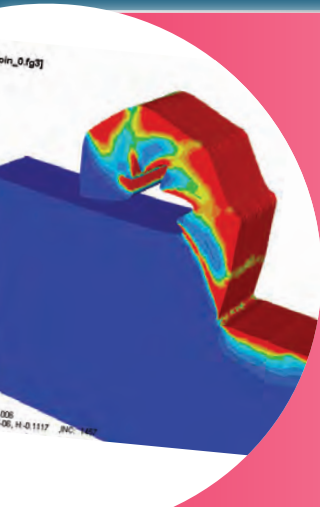
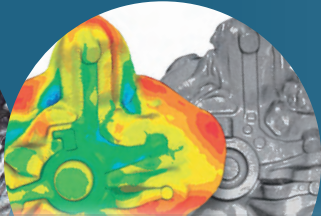
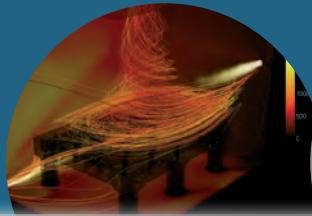
Surface Engineering: surface coating by electro and electroless plating, thermal coating, PVD, CVD, nitriding, carburising, boriding

Computer Aided Engineering: FEA, CAD, CAM, CIM, rapid prototyping, modelling and simulation

Green Manufacturing and Management: industrial pollution, safety, ergonomics and ethical aspects, sustainable design in manufacturing, waste management and recycling, quality control, management and economic aspects in production processes

The 'Advances in Materials and Processing Technologies conference' was initiated at the Dublin City University, Ireland in 1993 and was held there in 1995, 1999 and 2003. It took place in Portugal in 1997, Malaysia in 1998, Spain in 2001, Poland in 2004, USA in 2006, South Korea in 2007, Kingdom of Bahrain in 2008 and Malaysia in 2009.

The 2010 Edition is a first with a venue in Paris, France. These conferences tend to gather the entire international community involved in the wide domain of materials processes from Academia as well as from Industry.



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Proceedings and dissemination

Conference papers will be edited on an electronic format. Authors will be invited to submit extended versions for peer-review publication in international journals of the field.



Calendar

The AMPT 2010 Conference will be held from 24th to 27th October, 2010.

- Abstract submission: **February 28, 2010**
- Notification and instructions: **March 31, 2010**
- Full paper submission: **June 30, 2010**
- Final version of paper: **August 31, 2010**

Location and Venue

AMPT 2010 will be held in Paris, Capital city of France. Paris is easily accessible by air, by train and by road. With two international airports, it is a major international hub for many airlines. Paris provides everything to make the conference a memorable and enjoyable event.

Arts et Métiers ParisTech will host the AMPT 2010 conference in the heart of Paris.



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