Welcome Message

Dear colleagues,

It is a great honour for me to announce that the 6th Decennial Conference on Solidification Processing (SP17, [www.sp17.info](http://www.sp17.info)) will be held at the Beaumont Estate, Old Windsor, UK, on 25-28 July 2017. This series of decennial conferences started in Brighton in 1967 with 350 delegates, and then moved to Sheffield for 1977, 1987, 1997 and 2007. Over half a century, it has earned itself a well-deserved name, World Solidification Olympiad.

Today, the world is standing at a turning point from the historical take-make-dispose linear economy to a more sustainable circular economy. The historical dissipative consumption of limited metal resources is giving way to a more sustainable circulation of existing metals. This provides us with great opportunities to formulate new metallic materials, to develop new casting technologies and to explore new applications. SP17 aims to bring together solidification scientists, casting engineers and end users from both academia and industry:

- To make a fresh and critical examination of our historical approaches to solidification research and casting technology innovation over the last 50 years.
- To discuss and identify new approaches to the grand challenges in the field for next 10 years and beyond.
Over the past 50 years, a generation of pioneers of solidification research and casting innovation have made remarkable progress in our field and they are now retired or retiring. A new generation of solidification researchers and casting engineers are assuming the responsibility for heralding a new era. SP17 will provide a forum for both the pioneers and the emerging leaders to voice their views on future opportunities and challenges in our field.

SP17 is a once-in-a-lifetime opportunity to witness a historical transition. It gives me great pleasure to invite you to join us in 2017 for the grand event.

Professor Z. Fan
Conference Chairman

Organising Committee

Professor Zhongyun Fan BCAST, Brunel University, UK
Professor Wilfried Kurz EPFL, Switzerland
Professor Patrick Grant Oxford University, UK
Professor Andrew Mullis Leeds University, UK
Professor Ian Todd Sheffield University
Dr Christopher Gourlay Imperial College, UK
Dr Ian Stone BCAST, Brunel University, UK

International Committee

(Subject to confirmation)

Professor Silvère Akamatsu UPMC, France
Professor Christoph Beckermann The University of Iowa, USA
Professor John Campbell The University of Birmingham, UK
Professor Arne Dahle Jönköping University, Sweden
Professor Zhongyun Fan Brunel University London, UK
Professor Laszlo Granasy SZFKI, Hungary
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Dr Philippe Jarry Constellium, France
Professor Wilfried Kurz EPFL, Switzerland
Professor Yanjun Li NTNU, Norway
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Professor B. S. Murty IIT Madras, India
Professor John Perepezko The University of Wisconsin—Madison, USA
Professor Lorenz Ratke DLR, Germany
Professor Ingo Steinbach Ruhr-Universität Bochum, Germany
Professor David StJohn The University of Queensland, Australia
Professor Hideyuki Yasuda Kyoto University, Japan
Scope of the Conference

SP17 covers all aspects of solidification and casting of all metals and related materials, from fundamentals to applications.

Abstract Submission

The conference will feature both oral and poster contributions. You are invited to submit your abstract(s) with a clear indication of your preference for an oral or poster presentation.

Deadline for submission of abstracts: 1st October 2016.

Abstracts should not exceed 250 words and the submission should include a suitable title and names, affiliations and e-mail addresses of all authors. Maximum 1 figure can be included in the abstract to illustrate the key results.

Proceedings

All submitted papers will be peer reviewed, and the accepted papers will be published in “Proceedings of the 6th Decennial International Conferences on Solidification Processing”, which will be available for the delegates at the conference.

The instructions to authors can be found at www.sp17.info. Papers should not exceed 5 A4 pages and must be prepared using the template provided. To facilitate the editorial process, every effort should be made to follow closely the specifications described in the template.

Registration

Information for registration will be available soon at www.sp17.info.

Deadlines

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Conference venue: Beaumont Estate, Old Windsor, UK

Originally a private residence dating to the 14th Century, Beaumont House became a Jesuit boarding school for boys in 1861, and is now, a luxurious hotel and conference centre set in 16 hectares of beautiful grounds. Located close to the historic town of Windsor with its Royal Castle, the River Thames and Wentworth golf course, the Beaumont Estate has convenient transport links: just 7 miles from Heathrow Airport, a few minutes from the motorway network (M4 and M25) and fast trains between London and nearby Egham.

For more information:  http://www.beaumont-estate-windsor.co.uk

Windsor

Windsor is a charming historic town just 20 miles from the centre of London. Famed for its royal residence of Windsor Castle, there has been a castle in Windsor for almost 1000 years since William the Conqueror built a timber motte and bailey structure shortly after the Norman conquest in 1066. The changing of the guard at Windsor Castle is a daily spectacle to be enjoyed.

The river Thames runs at the foot of the Castle, and acts as a boundary between Windsor and the smaller town of Eton, home to the famous Eton College which has educated many of the UK’s prime ministers.

Formerly a private hunting ground of Windsor Castle, Windsor Great Park is a 20 km² deer park to the south of the town. Owned and managed by the Crown Estate the Great Park is largely open to the public and has many fine examples of gardens, parkland and woodland available to explore. Other nearby attractions include Windsor and Ascot horse racing courses, Wentworth golf course and Legoland.

Windsor has many unique shops and a number of good restaurants. There are fine examples of historic English architecture including the Guildhall which was built by Sir Christopher Wren.

Travel

Venue Address: Beaumont Estate, Burfield Road, Old Windsor, Berkshire, SL4 2JJ, UK

Tel. +44-1753-640000

For more information:  http://www.beaumont-estate-windsor.co.uk
Contact

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