

## ABOUT SEVEN SPRINGS

Seven Springs is a full service mountain resort located in the heart of western Pennsylvania's most colorful region--the Laurel Highlands. The natural beauty of the area provides many scenic opportunities. The pleasant fall weather makes September one of the most comfortable months to visit. Daytime temperatures average in the mid- to high 70's, with nights cooling to the mid- to low 60's (approximately 20-30 Celsius).

Leisure activities will be available for group and individual participation, including:

- Golf
- Tennis
- Racquetball
- Swimming
- Alpine Slide
- Tour of Fallingwater  
(Frank Lloyd Wright home)

Seven Springs is located east of Pittsburgh, Pennsylvania, at exits 9 or 10 off of the Pennsylvania Turnpike. Attendees arriving at Pittsburgh International Airport can reach Seven Springs by rental car or by complimentary chartered symposium shuttle buses. The buses will be available for Sunday arrivals and again on Thursday for departures. Shuttle bus pick-up will be in the baggage claim area of the landside terminal.

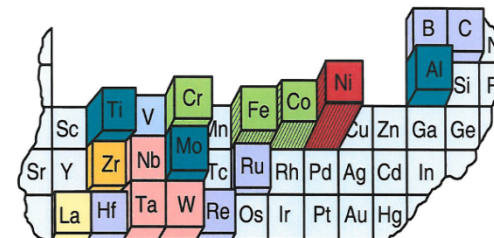
Directions and additional information on amenities are available on the Seven Springs web site.

**RESORT WEBSITE:**  
<http://www.7springs.com>

## SEVEN SPRINGS INTERNATIONAL SYMPOSIUM COMMITTEE

General Chair:	<b>Roger Reed</b> <i>University of Birmingham</i>
Secretary:	<b>Sammy Tin</b> <i>Illinois Institute of Technology</i>
Treasurer:	<b>Gern Maurer</b> <i>Carpenter Technology Corp.</i>
Program Chair:	<b>Eric Huron</b> <i>GE Aviation, US</i>
Program Committee:	<b>Mark Hardy</b> <i>Rolls-Royce plc</i> <b>Mike Mills</b> <i>Ohio State University</i> <b>Rick Montero</b> <i>Pratt &amp; Whitney</i> <b>Pedro Portella</b> <i>BAM Federal Institute for Materials Research and Testing</i> <b>Jack Telesman</b> <i>NASA Glenn Research Center</i> <b>Roger Reed</b> <i>University of Birmingham</i>
Publications Chair	<b>Rick Montero</b> <i>Pratt &amp; Whitney</i>
Arrangements Chair:	<b>David Novotnak</b> <i>Carpenter Technology Corp.</i>
U.S. Publicity:	<b>Jacqueline Wahl</b> <i>Cannon-Muskegon Corp</i>
International Publicity/ Student Relations:	<b>Cathie Rae</b> <i>University of Cambridge</i>
Awards Chair:	<b>Ken Green</b> <i>Rolls-Royce Corporation</i>
Awards Committee:	<b>Tresa Pollock</b> <i>Univ. of California Santa Barbara</i> <b>Bob Stusrud</b> <i>Rolls-Royce Corporation</i> <b>Bob Kissinger</b> <i>GE Aviation, US</i>

# 12<sup>th</sup> INTERNATIONAL SYMPOSIUM ON SUPERALLOYS



**Superalloys 2012**

**September 9-13, 2012**

**Seven Springs Mountain Resort  
Champion, Pennsylvania, USA**

In cooperation with:

**TMS**



**TMS High Temperature Alloys Committee**

**CONFERENCE WEBSITE:**  
<http://www.tms.org/Meetings/Specialty/superalloys2012/home.aspx>

## ABOUT THE SYMPOSIUM

The International Symposium on Superalloys, which has been held once every four years since 1968, is sponsored by the Seven Springs International Symposium Committee in cooperation with The Minerals, Metals & Materials Society (TMS), the TMS High Temperature Alloys Committee, and ASM International. The purpose is to provide a forum for researchers, producers, and users to present the most recent technical information on a class of high-strength, high-temperature alloys commonly known as superalloys. Each symposium is dedicated to a distinguished honoree to mark their outstanding contributions to the field of superalloys. Awards will be made for best paper and best poster, in both full and student categories. Superalloys 2012 will assess current trends in customer requirements and the latest response of the superalloys community to the challenges faced by them.

## SYMPOSIUM FORMAT

Sunday Evening: Keynote Speaker  
Monday through Thursday Noon: Technical Sessions  
Presentations: Oral and Interactive (Poster)  
Language: English

## PROCEEDINGS

All accepted papers will be published in the proceedings, **Superalloys 2012**. The proceedings are included in the registration fee, and will be available at the Symposium in both hard cover and CD-ROM form.

## TECHNICAL SCOPE

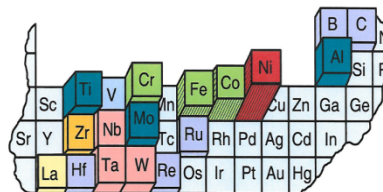
The Superalloys 2012 symposium seeks to highlight advances in superalloys made possible by practical application of modeling and simulation. While significant advances in the fundamental understanding and sophistication of materials models have been made, the major challenge for the superalloy community is to apply these models across the life cycle of superalloys, from alloy and process design, then to industrial processes in the factory, and finally to materials used in production.

The Superalloys 2012 symposium invites papers in its traditional focus areas of alloy development, processing, coatings and environmental effects, and mechanical behavior, but with an increased focus on how modeling tools were developed and applied in these areas.

With this emphasis, the Symposium will further strengthen the links between the academic, supply chain, and product-user members of the superalloy community.

## FOR MORE INFORMATION

Information on Superalloys 2012 is now available on the world wide web. This site will be updated as new information becomes available.



**Superalloys 2012**



**Check it Out!**

## STUDENT SERVICES

Travel support will be available to qualifying student authors who will be presenting papers in the oral or interactive sessions. Students from all countries meeting these criteria must apply for support prior to the symposium. In addition, an award for the best student paper/poster will be presented. Further information will be available on the web site.

## CALL FOR PAPERS CALENDAR

<b>February 2011</b>	First Call for Papers
<b>May 2011</b>	Second Call for Papers
<b>September 1, 2011</b>	Extended Abstract Deadline
<b>November 1, 2011</b>	Author Notification
<b>February 15, 2012</b>	Full Papers Due
<b>April 2012</b>	Authors Notified of Oral/Interactive Status
<b>May 2012</b>	Final Corrections and Rewrites Due
<b>Sept. 9-13, 2012</b>	Presentation & Publication

## PAPER SUBMISSION

Papers and abstracts will be accepted through the TMS Conference Management System only. Please refer to the TMS web site for more details.

## REGISTRATION

Registration includes entry to all technical sessions, participation in meeting-specific social activities, and a copy of the proceedings. All attendees are encouraged to register in advance. As the date of the conference nears, registration information will be available on the web site.

## CONFERENCE WEBSITE:

<http://www.tms.org/Meetings/Specialty/superalloys2012/home.aspx>