

## General information

**Plutonium Futures - The Science** series of conferences provides an international forum for discussion of current research on physical and chemical properties of plutonium and other actinide elements in complex systems. In bringing the community together from diverse disciplines, the conference aims to enhance the dialogue among scientists and engineers on the fundamental properties of plutonium and their technological consequences. Scientists, engineers, academics and students from universities, national laboratories, and the nuclear industry are encouraged to participate and make technical contributions.

The scientific program will consist of a series of plenary and invited lectures, as well as contributed papers in oral and poster sessions. Introductory tutorial sessions for students and other interested parties will be held in Karlsruhe on September 17-18, 2016 before the official start of the conference on September 18, 2016. The attendance at the tutorials will be free of charge but limited in number. English is the official language of the tutorials and conference.

## Topical Areas

- ◆ Condensed matter physics
- ◆ Surface science and corrosion
- ◆ Metallurgy and materials science
- ◆ Compounds, complexes and coordination chemistry
- ◆ Detection and analysis
- ◆ Nuclear fuel cycle
- ◆ Environmental behaviour and chemistry
- ◆ Solution and gas-phase chemistry

## Contact

Prof. Roberto G. M. CACIUFFO  
 European Commission  
 Joint Research Centre  
 Institute for Transuranium Elements

[info@pufutures2016.eu](mailto:info@pufutures2016.eu)

## Plutonium Futures The Science 2016

A Topical conference on plutonium and actinides, supporting safe and secure plutonium research as part of the global energy mix.

**18-22 September 2016**  
**Baden-Baden, Germany**



<http://www.pufutures2016.eu>

## Conference Schedule

First circular: June 2015  
 Abstract submission: March 15-April 30, 2016  
 Abstract acceptance notice: May 30, 2016  
 Registration: April 15 - August 1, 2016  
 Late registration: after August 1, 2016  
 Conference: September 18-22, 2016  
 Conference banquet: September 21, 2016  
 Conference closing: September 22, 2016

## Organisers

The conference is jointly organised by the European Commission Joint Research Centre Institute for Transuranium Elements, EC-JRC-ITU (EU), the Atomic Weapons Establishment, AWE (United Kingdom), the Commissariat à l'Énergie Atomique et aux Énergies Alternatives, CEA (France), and the National Nuclear Laboratory, NNL (United Kingdom).

## General Chair:

Hervé Bernard (CEA)  
 Roberto Caciuffo (EC-JRC-ITU)  
 David Geeson (AWE)

## Local Organising Committee

Eric Colineau (EC-JRC-ITU)  
 Nicola Magnani (EC-JRC-ITU)  
 Dario Manara (EC-JRC-ITU)  
 Laura Martel (EC-JRC-ITU)  
 Philipp Poeml (EC-JRC-ITU)  
 Damien Prieur (EC-JRC-ITU)  
 Krisztina Varga (EC-JRC-ITU)

## Venue

The conference will be held in Baden-Baden, Germany. The town is situated in a picturesque setting between the Black Forest and the Vosges Mountains in a region renowned for its progressive technology. The town is served by high-speed train, there is easy access to the motorway and to the airports of Baden-Karlsruhe (15 km), Stuttgart (110 km), Frankfurt (168 km), Basel (167 km), and Strasbourg (55 km). The conference will be hosted in the Kongresshaus, a modern facility situated centrally and in close proximity to the majority of hotels. The tutorial sessions will be hosted in the Achat Plaza Hotel in Karlsruhe, and will be held on September 17-18, 2016. Transfer to Baden-Baden on the afternoon of September 18 will be provided.

## Information links

Conference website

<http://www.pufutures2016.eu>

How to get there ([Baden-Baden](#))

How to get there ([Karlsruhe](#))

## International Scientific Advisory Committee

Hervé Bernard (CEA, France)  
 Kerri Blobaum (Lawrence Livermore Nat. Lab., USA)  
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 David Clark (Los Alamos National Lab., USA)  
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 Rod Ewing (Stanford University, USA)  
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 Horst Geckeis (KIT, Germany)  
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 Claude Guet (Nanyang Tech. University, Singapore)  
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 P.R. Vasudeva Rao (IGCAR, India)  
 Lydia Timofeeva (RFNC - VNIIEF, Russia)  
 Tim Tinsley (Nuclear National laboratory, UK)  
 Gerrit van der Laan (Diamond Light Source, UK)  
 Philip Wilk (U.S. Department of Energy, USA)  
 Ping Zhang (IAPCM, China)

