

NUCLEAR POWER
EUROPE

SERVING THE **NUCLEAR SECTOR**

Conference & Exhibition
12 – 14 June 2012
KoelnMesse, Cologne, Germany

CALL FOR PAPERS

SUBMIT AN ABSTRACT FOR
Nuclear Power Europe 2012

ABSTRACT DEADLINE: 7 OCTOBER 2011

 Stake your claim for Nuclear Power Europe's prestigious Best Paper Award

www.nuclearpower-europe.com

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POWER-GEN
EUROPE



NUCLEAR POWER EUROPE

Serving The Nuclear Sector

Now in its third year, Nuclear Power Europe offers a comprehensive conference and exhibition for the European nuclear power industry. Over three days, Nuclear Power Europe will include an insightful and thought provoking conference covering strategic and technical topics chosen and presented by industry practitioners themselves. The conference will look at the role of nuclear power within today's ever changing energy mix.

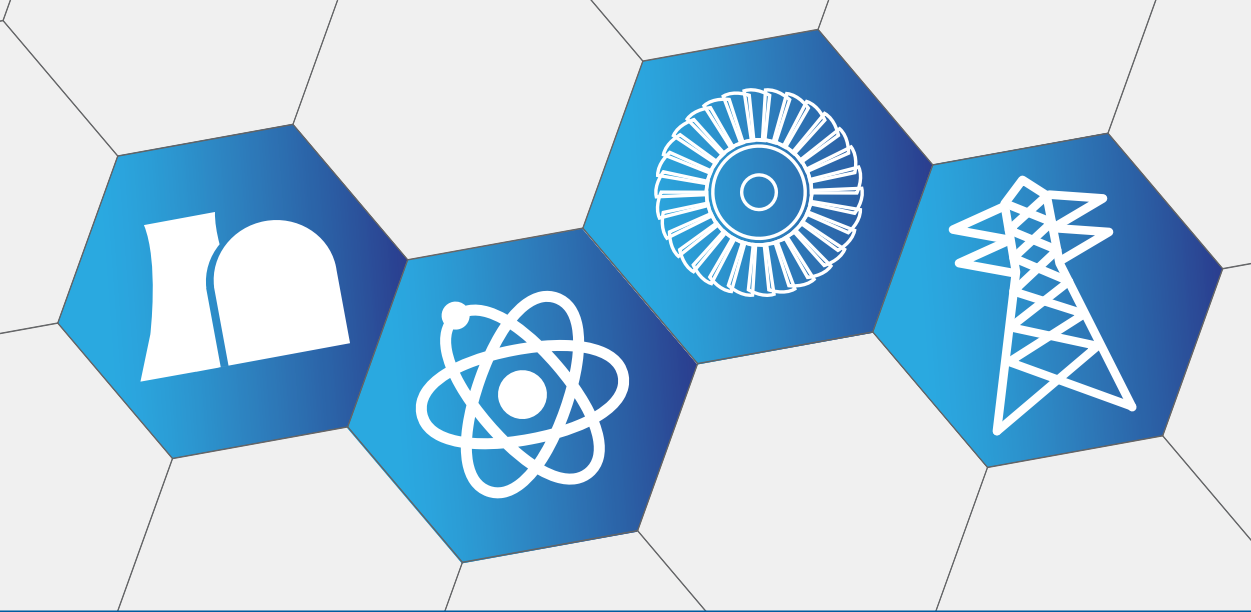
Co-located with POWER-GEN Europe, the continent's largest event for the electricity and power technology sector, and Renewable Energy World Europe, Nuclear Power Europe also offers a dedicated trade show floor, with numerous exhibiting companies displaying state-of-the-art technology, services, software and hardware.

The 2011 event in Milan attracted nearly 15,000 visitors from 89 countries.

Held in conjunction with POWER-GEN Europe, and Renewable Energy World Europe, conference and exhibitions, Nuclear Power Europe unites the entire spectrum of power generation under one roof.

The 2012 event will address:

- Nuclear Power and Politics
- Effect of Fukushima on the Nuclear Power Market & Lessons Learned
- Challenges for Nuclear Power Plants with Limited Remaining Life Time
- Governance of Nuclear Power Plant Safety - Licensing & Regulation
- Economics of Nuclear Power
- Opportunities and Experience in Germany, Switzerland and Italy
- Opportunities and Experience in the rest of Europe



Submit An Abstract For Nuclear Power Europe

You are invited to share your experiences with your nuclear industry colleagues and those from the conventional and renewables sectors by submitting an abstract that you would like to be presented at the next Nuclear Power Europe conference.

As a speaker at this prestigious conference you will gain heightened professional profile and recognition from colleagues worldwide as you share your knowledge, ideas and industry insights.

Who will be your audience?

Qualified senior management/executive decision makers who have the authority to purchase, or influence the purchase of world-class products and services including:

- Public and municipal utility owners & managers
- Government and regulatory executives
- Independent power producers
- Original equipment manufacturers
- Power / heat plant owners & operators
- Plant service sector
- Project developers & managers
- Fuel suppliers
- Design/structural/construction engineers
- Industrial facilities personnel
- Mechanical/electrical/plant engineers
- Strategic and portfolio investors
- Industry consultants and advisers
- Energy traders
- Trade press

Best Paper Awards

Conference speakers will be expected to deliver a written paper and will be then eligible for a coveted Nuclear Power Europe Best Paper Award: a main award and two "highly commended" certificates for the best papers from each track will be presented at the closing reception in Cologne.

Advisory Boards

Nuclear Power Europe's independent expert Advisory Board is responsible for setting the conference themes and suggested topics, for selecting papers to be included in the programme, and for judging the Best Paper Awards. The Board represents a wide cross section of the industry, and currently comprises 20 experienced professionals from leading European utility companies, equipment suppliers, manufacturers, service providers, associations and consultancies.



ABSTRACT TOPICS

Nuclear Power Europe

Nuclear Power and Politics

- The Role of Nuclear Power within the European Energy Mix
- The Role of the European Union in Developing Nuclear Power
- Public Relations and Opposition from Environmental Groups

Effect of Fukushima on Nuclear Power Market & Lessons Learned

- Europe/Worldwide
- Design & Operational Adaptation
- Enhanced Safety Requirements
- Challenges for New Builds
- Organizational Lessons

Challenges for Nuclear Power Plants with Limited Remaining Life Time

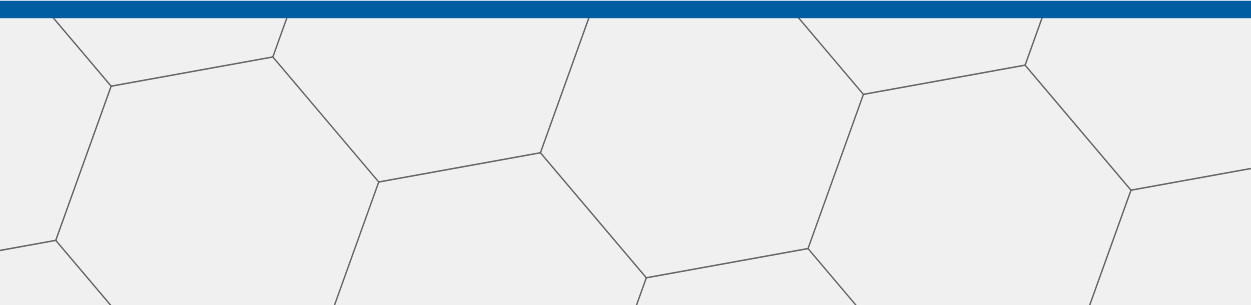
- Skill Maintenance
- Operational & Safety Excellence
- Supply Chain Issues
- Training

Governance of Nuclear Power Plant Safety - Licensing & Regulation

- New Safety Regulation/Basic Requirements
- Licensing of Technologies & Permitting Processes
- Re-Licensing - Plant Life Extensions
- Stress Test
- Emergency Planning (Plant & Country Level)

Economics of Nuclear Power

- Financing Sources
- Risk Assessment and Risk Allocation
- The Price of Carbon and its Role in Nuclear Power
- Comparison of Business Models for New Build Programme (e.g. Finland vs. USA)





Opportunities and Experience in Germany, Switzerland and Italy

Opportunities and Experience in the rest of Europe

Progress Report on Nuclear Facilities under Construction (Worldwide)

Nuclear Plants with Increasing Intermittent Power Generation

- Modular Flexibility
- Demands placed on Systems Ancillary Services

Nuclear Fleet Management

- Upgrading Mechanical Equipment, Instrumentation & Control
- Improving the Capacity Factor (e.g. reducing refueling outages, increase fuel cycle and maintenance intervals)
- Risk Informed Regulation & Application

Nuclear Power Plant Technology

- Reactor Designs: Generation III/III+
- Nuclear Steam Supply System
- Balance of Plant
- New Build and the Grid
- Lessons Learned from Licensing & Construction of Generation III/III+ Plants

Next Generation Reactors

- Small and Medium/Modular Reactors
- Generation IV Reactors (Fast Breeder Reactors etc.)

Decommissioning

Fuel Cycle





ABSTRACT SUBMITTAL PROCEDURE

All abstracts must be submitted before 7 October 2011

All abstracts must be submitted in English, using the on-line form found on the Nuclear Power Europe website: www.nuclearpower-europe.com. The main body of your abstract should be between 100 and 300 words.

Overtly commercial abstracts will not be accepted for the conference. Customer and joint customer/supplier papers are particularly welcomed. For full guidelines and requirements, please visit the Nuclear Power Europe website: www.nuclearpower-europe.com.

Please note:

In submitting an abstract you are indicating your availability and willingness to write up a full paper, attend and present your paper at Nuclear Power Europe 2012, if selected, and comply with all deadlines.

Please ensure that the speaker and author details you are providing when submitting your abstract are correct, as these will be used for pre-event marketing purposes. Speakers are responsible for their own travel and accommodation costs.

Step-by-step procedure:

Go to www.nuclearpower-europe.com

- > Select "Online abstract submittal form" in the left navigation bar
- > Complete ALL the required fields
- > Press submit and your abstract has now been sent.

Please submit your abstract ONLY ONCE and wait for the automatic e-mail that confirms your submittal.

Should you need further assistance, please contact:

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POWER-GEN Europe & Renewable Energy World Europe

Abstracts are also invited on a full range of topics in the fields of increasingly efficient fossil fuel and fast growing renewable generation sectors. These will contribute to the conference content for the co-located events, POWER-GEN Europe and Renewable Energy World Europe. Delegates will be entitled to attend all three conferences.

Should you wish to submit abstracts for these conferences, please do so via the following websites:

www.powergeneurope.com or www.renewableenergyworld-europe.com

ABSTRACT SUBMITTAL DEADLINE: FRIDAY 7 OCTOBER 2011

CONTACTS

For further information please contact:

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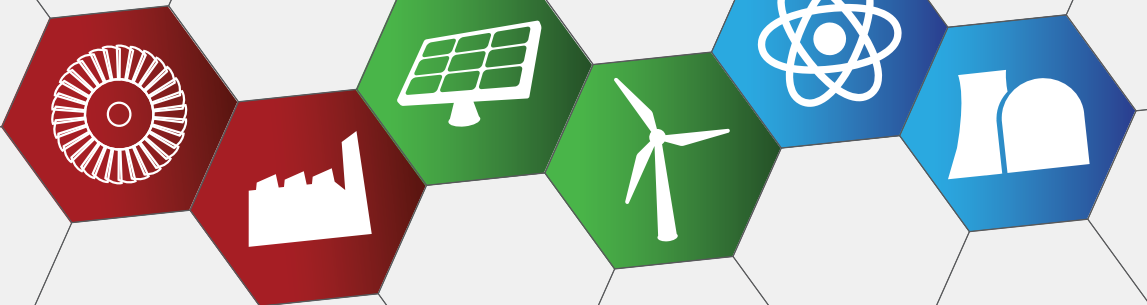


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