



ASRANet

NUPP 2017

**1st International Conference on
Nuclear Power Plants:
Structures, Risk & Decommissioning**

**Jury's Inn, Croydon
London, UK
6th – 8th February 2017**

Call For Papers

About the Conference

Many countries are currently constructing or are in the planning/designing stage of building nuclear power plants. This is primarily to move away from the depleting fossil fuel and in an attempt to combat climate change. However, design construction and operation of these structures poses particular challenge with respect to handling radioactive material. The conference aims to bring together researchers, practitioners to address the structural analysis design, risk analysis and decommissioning technologies employed in the nuclear power plant. This will involve advanced analysis both for strength and load model in order to establish safety level. Probabilities and risk analysis form the basis for the safety of Nuclear Power Plant, the analysis dictate the chances for the reactor in failing in incidents of natural or external incidents. Removal and closure of a plant is also pivotal to the face of Nuclear Energy, in giving confidence to the public. This conference presents the perfect opportunity for you, as it aims to provide an ideal platform for industry leading researchers, technology developers, industrial players and supply chain partners to converge.

Organizing Committee

Professor Purnendu K Das
Director, ASRANet Ltd, UK

Registration Fees

Full Registration £450

Student Registration £300

Conference Themes

- **Advanced Structural Analysis**
 - Containment Design
 - Non – Containment Design
 - Thermal Effects
 - Non – Linear Analysis
 - Structural Integrity
 - Lifetime Behaviour
- **Risk Analysis and Reliability**
 - Probabilistic Seismic Hazard
 - Risk Management
- **Decommissioning Technology**
 - Characterisation techniques in nuclear decommissioning
 - Remote handling and radioactive waste management
 - Radiation detection instrumentation and imaging
 - Robotics and autonomous systems in decommissioning
- **Regulations and Licensing**

International Advisory Committee

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Key Dates

Deadline for abstracts:	15 Aug 2016
Notification of acceptance:	2 Sept 2016
Submission of full papers:	4 Jan 2017
Registration closes:	22 Jan 2017

Abstracts can be sent to info@asranet.co.uk