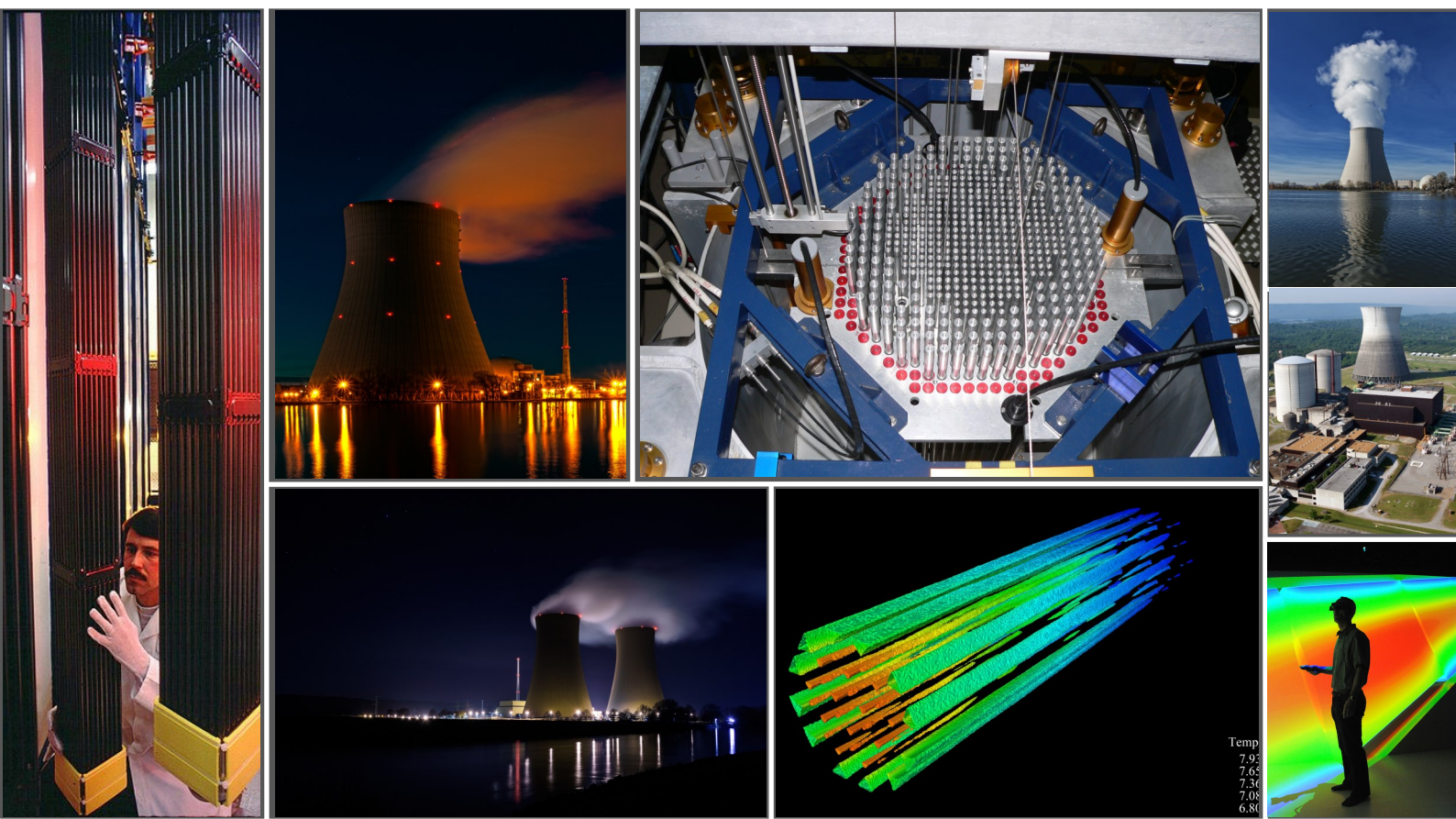


10th — 12th June 2018 | Croydon, London, UK



www.asranet.co.uk

2nd International Conference on

ASRANet

Nuclear Power Plants:
Structures, Risk & Decommissioning

NUPP 2018

Call for Papers

Abstracts should be sent to nupp@asranet.co.uk by the deadline of 8th January 2018

Abstract to be maximum of 300 words. Abstract format will be available [here](#)

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.

NUPP 2018 provides the perfect opportunity for you to do so, as it aims to provide an ideal platform for industry leading researchers, technology developers, industrial players and supply chain partners to converge. Bringing the pioneers together the conference aims to promote the methodologies, exchange of ideas and the way forward to commercialisation.

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 tech

- niques in nuclear decommissioning

- Remote handling and radioactive waste management

- Radiation detection instrumentation and imaging

- Robotics and autonomous systems in decommissioning

Regulations and Licensing

Key Dates

Abstract Deadline: 8th January 2018 **Abstract Acceptance:** 9th February 2018

Full Paper Submission: 4th May 2018 **Registration Close:** 1st June 2018

Abstract to be maximum of 300 words. Abstract/Paper format is available [here](#)

Registration Fees

Full Registration:	£450
Student Registration:	£300
One Day Attendance:	£200

Technical Advisory Panel

Organising Committee

Professor Purnendu Das

ASRANet Ltd, UK

At the Conference

The conference will officially begin on Sunday evening, 10th of June 2018. The evening will commence with a wine and cheese reception for the delegates to network also to register for the conference. In the following days of the conference several papers will be presented focusing on variety of themes and subjects.

About Croydon

Croydon has excellent road, rail and air connections providing first class transport links to London, the UK and overseas. Bus services are extensive. Croydon also has a Tramlink, a 28 kilometre environmentally friendly light rail service which links with New Addington, Beckenham, Elmers End and Wimbledon. Croydon has over 2,600 acres of parkland and open spaces. The rich inheritance comprises over 120 parks and nature reserves offering the widest possible range of sports and leisure. The surrounding fields and woods of the North Downs provide a natural framework around the borough. Croydon is home to Crystal Palace football club, who play at Selhurst Park. The council provides a very wide range of sports and recreational activities including four swimming pools. The Crystal Palace National Sports Centre is one of the country's premier athletics stadia. Croydon has two full championship golf courses, seven 8 hole courses, pitch and putt courses and driving ranges. Sailing and canoeing are available at South Norwood Lake. Croydon enjoys 20km of the London Loop and 34km of bridleway for horse riding and cycling.

Getting Here

Airport Connections

Croydon is well connected globally by all the London Airport through Emirates, KLM, Air France, Easyjet, Ryanair and many more. The airports are linked to Croydon by the Overground, Tram and the London Bus Network . There are direct service connections to London Gatwick and London Luton airports. Journey times from East Croydon to London Gatwick airport range from 15 to 36 minutes, with an average of 13 services per hour during the day. The journey time from East Croydon to London Luton airport is approximately 66 minutes, with an average of 4 services per hour during the day. There are no direct train services to London Heathrow airport, however Bus No X26 connects Heathrow airport to Croydon.

Train Connections

Fast trains run into the centre of London terminating at Victoria, London Bridge or City Thameslink stations in about 15-20 minutes. The train service for London Luton airport also stops at London St Pancras (average journey time approximately 40 minutes), providing interconnections for Eurostar services.

Tram Connections

Trams at the moment have destinations at Beckenham, Wimbledon, Elmers End and New Addington with all lines traveling through Croydon on the Croydon Loop. It can also be used to reach the Underground in Wimbledon.

Accommodation

Below are a list of hotels close to the conference venue

Jury's Inn	From £48
Croydon Park Hotel	From £60
The Lansdowne Hotel	From £60
Travelodge Croydon Central	From £43
Hampton by Hilton Croydon	From £60
Premier Inn	From £60

Visit www.asranet.co.uk for more details