

**1<sup>st</sup> Circular & Announcement for**

**6<sup>th</sup> Asia Pacific Symposium on Radiation Chemistry  
(APSRC-2016)**

**&**



**DAE-BRNS 13<sup>th</sup> Biennial**

**Trombay Symposium on Radiation & Photochemistry  
(TSRP-2016)**



**January 5-9, 2016**

***Venue***

**Bhabha Atomic Research Centre, Mumbai, INDIA**

***Organized by***

**Bhabha Atomic Research Centre, Mumbai**

**&**

**Indian Society for Radiation and Photochemical Sciences**

***Sponsored by***

**Board of Research in Nuclear Sciences**

**&**

**Department of Atomic Energy, Government of India**

The 6<sup>th</sup> Asia-Pacific Symposium on Radiation Chemistry (APSRC-2016) incorporating 13<sup>th</sup> Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2016), organized by Bhabha Atomic Research Centre under the auspices of the Indian Society for Radiation and Photochemical Sciences (ISRAPS) will be held in **Mumbai**, INDIA, from **January 5-9, 2016**. While APSRC will gather eminent scientists working in the forefront of radiation chemistry, TSRP will provide a single platform for discussions on the recent progress in both Radiation & Photochemical research. The symposium will bring together not only the experts from around the world but also young researchers in both the areas, yielding fruitful discussions and setting the course of future direction. The proceedings of the symposium will constitute keynote addresses, invited talks and presentation of contributory papers as posters.

### Scientific Scope

- Fundamental Radiation Chemical Issues for Advanced Nuclear Energy Systems: *Water Coolant System, Fuel Reprocessing & Waste Management*
- Radiation Chemistry at Elevated Temperature & Pressure
- Next Generation Radiation Sources & Applications in Radiation & Photochemistry
- Synchrotron Radiation, Laser Driven Accelerator, Pico & Femto Second Pulse Radiolysis, Radiation Processing of Food & Industrial Products (*Radiation Chemistry Aspects*)
- Polymer Design & Processing
- Radiation Biochemistry: Antioxidants, Radioprotectors, Drugs
- Radiation & Photochemistry in Heterogeneous Media, Ionic liquids & Supercritical fluids
- Role of Radiation & Photochemistry in Nano Sciences
- Ultrafast Spectroscopy & Dynamics of Photoinduced Chemical Processes
- Excited State Dynamics in Supramolecular and Biomolecular Assemblies
- Single Molecule Spectroscopy and Fluorescence Microscopy
- Gas Phase Reaction Dynamics in Bulk & Beams
- Radiation & Photochemistry of Atmosphere & Environment
- Theoretical Aspects of Radiation & Photochemistry

**Chairman:**  
Dr. Dipak K. Palit

**Conveners:**  
Dr. P. D. Naik & Dr. A. C. Bhasikuttan

**Secretaries:**  
Dr. S. SenGupta & Dr. S. Dutta Choudhury

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Further details will be announced soon