Mumbai, previously known as Bombay, is located on India’s central western coast along the Arabian Sea. It is an island connected by several bridges to the main land. Mumbai is one of the most modern yet ancient city of India. Mumbai is the commercial and entertainment capital of India.

The city offers a cosmopolitan and diverse lifestyle with a variety of food, entertainment and night life, available in a form and abundance comparable to that in other world capitals. Gateway of India, Hanging Gardens, Nehru Science Centre, Sanjay Gandhi National Park, Kanheri Caves, Film City, Chowpatty, Juhu, beaches, and Esselworld of Water Kingdom are some attractions that provide enough glimpses of Mumbai’s heritage.

Connectivity: Mumbai is well connected to other parts of India and the rest of the world. Participants arriving by train may alight at Dadar, Mumbai Central, Mumbai CST, Kurla or Bandra Terminus. Participants travelling by domestic flight will arrive at Santracruz and by international flight at Chhatrapati Shivaji Maharaj International Airport. Cabs are available at airports and railway stations. Delegates are advised to take prepaid cab service at airport. Anushaktinagar / BARC Colony can also be reached by local trains in the harbour line from Mumbai CST to Mankhurd station. Symposium venue can be reached from Mankhurd station by autorikshaw.

Weather: The period between Nov and Feb is the most pleasant time to visit Mumbai, when the city enjoys a balmy season of blue skies and cool breeze. In January, maximum and minimum temperatures are around 28°C and 15°C respectively.

TSRP-APSRC-2016

January 5-9, 2016

Venue
Convention Centre, Anushaktinagar, 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

www.israps.org.in
The 13th Biennial Trombay Symposium on Radiation & Photochemistry and the 6th Asia-Pacific Symposium on Radiation Chemistry (TSRP-APSRC-2016), organized by Bhabha Atomic Research Centre and the Indian Society for Radiation and Photochemical Sciences (ISRAPS), sponsored by the Board of Research in Nuclear Sciences (BRNS), will be held in Anushaktinagar, 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 proceedings of the symposium will consist of keynote addresses, invited talks and presentation of contributory papers as posters. We invite all experts, researchers, students working in this twin area to participate.

**Scientific Scope**

- Radiation Chemistry at Elevated Temperature & Pressure
- Radiation Processing of Food & Industrial Products (Radiation Chemistry Aspects)
- Polymer Design & Processing
- Radiation Biochemistry: Antioxidants, Radioprotectors, Radiation Medicine / Drugs
- 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
- Next Generation Radiation Sources and its Applications in Radiation & Photochemistry
- Synchrotron Radiation, Laser Driven Accelerator, Pico & Femto Second Pulse Radiolysis
- Role of Radiation & Photochemistry in Nano Sciences
- Radiation & Photochemistry relevant to Atmosphere & Environment
- Radiation & Photochemistry in Heterogeneous Media, Ionic liquids & Supercritical fluids
- Theoretical Aspects of Radiation & Photochemistry

**Key Dates**

- Submission of extended abstract for contributory papers: 17 Aug. 2015
- Submission of extended abstract for invited papers: 15 Sept. 2015
- Submission of passport details of the foreign delegates: 17 Aug. 2015
- Intimation of acceptance to authors: 1 Oct. 2015
- Final confirmation of participation against Payment of Registration Fee: 15 Oct. 2015

**Instructions for Manuscript Preparation**

- **MANUSCRIPT TITLE**: (14 pt, Bold)
  - A.B. Author and C.D. Author
- **Institute Name**
- **Mailing Address Including City PIN/ZIP, Country**
- Abstract: About 100 words. Manuscript text should be typed in Times New Roman, with font size 12. This text will be printed in the book of abstracts along with the title and affiliation.
- **1. Introduction**
  - These instructions are given as a model for the authors in preparing the manuscript. The outline frame should be 17 cm (width) x 23 cm (length) and all materials including figures, tables, references etc. must be contained within two page limit both for the Contributory and Invited papers. The soft copy of all the invited/contributory papers will be made available to all the delegates in a CD.
- **2. Experiment / Method**
  - Manuscript should be typed in A4 size paper, in Microsoft Word (any version) on IBM compatible PC.
- **3. Results and Discussion**
  - Begin the text of the paper as 1. Introduction 2. Methods 3. Results and Discussion and lastly the References. Give reference number at the end of the sentence as [n]. You may directly type or copy/paste the text and fig/schemes in the template provided in the website.

**References**

2. X.Y. Author, in "Name of the book", XYZ, Ed; (Publisher, City), Page [Year].