

FORMAT FOR APPLICATION

Full Name	
Designation	
Date of Birth	
Name of the Institute	
Educational Qualification	
Address for correspondence and email address	
Experience/ Field of Specialization	
Brief description of present work	
Publications/ any other relevant details	
Expected benefits	

- Interested candidates may send their application in above format through email to indus.imaging@gmail.com with all details duly filled.
- Submission of application, confirmation of acceptance and registration for participants can be made via email only.
- The accommodation for delegates and faculties will be arranged in RRCAT guest houses. Further details about venue may be obtained from the Co-Convener, Organizing Committee.
- Young researchers are encouraged to apply for the meeting so as to understand basic concepts in synchrotron based X-ray imaging techniques and its applications in variety of scientific problem.

CONVENER:

Dr. Y. S. Kashyap
 Technical Physics Division,
 Bhabha Atomic Research Centre, Trombay,
 MUMBAI-400085, India.
 Email: indus.imaging@gmail.com
 Tel: +91-22-25595492

CO-CONVENER/LOCAL COORDINATOR:

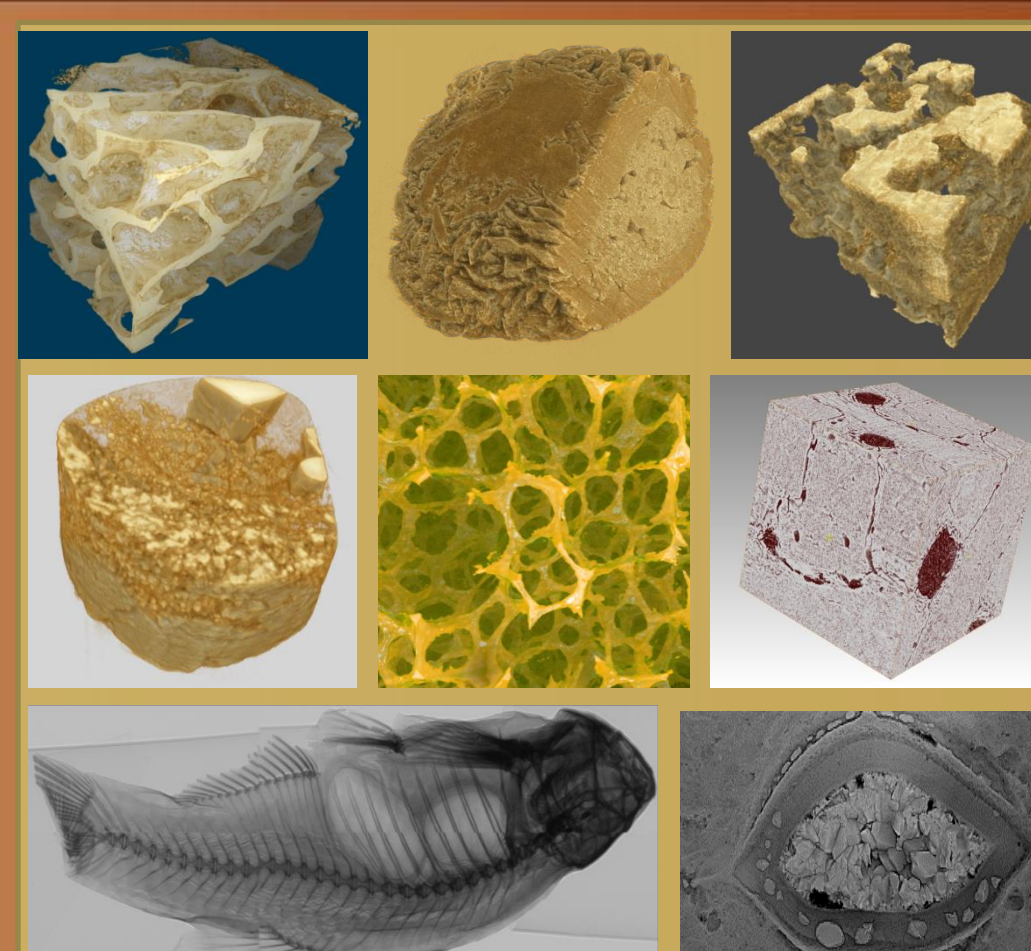
Dr. Ashish Kumar Agrawal,
 Technical Physics Division,
 Raja Ramanna Centre for Advanced
 Technology (RRCAT),
 Indore-452013, India.
 Email: indus.imaging@gmail.com
 Tel: +91-731-244-2599/2504

SECRETARY:

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 Neutron & X-ray Physics Section,
 Technical Physics Division,
 Bhabha Atomic Research Centre, Trombay,
 MUMBAI-400085, India.
 Email: indus.imaging@gmail.com
 Tel: +91-22-25593794

IMPORTANT ADVICE:

- The participants are advised to carry their institutional identity card and a valid government issued identity proof with them.
- Further details regarding BARC may be obtained on the website: <http://www.barc.gov.in>
- Further details regarding imaging beamline at RRCAT may be obtained on the website: <http://www.rrcat.gov.in>



Illustrative experimental results from Imaging beamline Indus-2, RRCAT, Indore

IMPORTANT DEADLINES

Application submission	: July 15, 2017
Acceptance	: July 31, 2017
Registration	: August 15, 2017



External view Indus-2, synchrotron source at RRCAT, Indore



External view of Imaging beamline at Indus-2, RRCAT, Indore

Theme meeting on **X-ray micro-imaging using Synchrotron radiation and its applications**

September 14-16, 2017



**Raja Ramanna Centre for
 Advanced Technology (RRCAT),
 Indore, INDIA**

In association with
MRSI-Mumbai Chapter



Sponsored by
**Board of Research in Nuclear Sciences,
 Department of Atomic Energy,
 Government of India**

SCOPE OF MEETING

Indus-2 is a synchrotron source operating at 2.5 GeV energy and 200 mA current. An advanced x-ray imaging beamline is operational at Indus-2 since 2014, offering both the conventional as well as advanced x-imaging experiments in material science, bio-medical research, agriculture research and NDT application. This beamline is open to industrial users as well as to academic researchers from all over India. In order to enhance awareness of this facility in public domain and provide necessary training to young researchers, a theme meeting is being organized. The meeting will cover series of lectures on wide range of topics in the area of x-ray micro-imaging, instrumentations, detectors, x-ray micro-tomography, x-ray phase contrast imaging and their various applications.

The scope of the meeting is as follows :

- Lectures by experts in X-ray imaging techniques : Theory & instrumentation and applications
- Presentations by beam-line scientists and users of Imaging beamline
- Visits to various Beam-lines in INDUS Complex
- Demonstration of experiments on Imaging beamline
- Hands-on Training of Data Analysis for young researchers and students

PARTICIPATION

Submission of application for the theme meeting can be done starting from the first week of **June 2017 through email only.**

Interested researchers are required to submit the detailed bio-data in the attached format to **indus.imaging@gmail.com** (via e-mail only) stating necessarily the relevance of the theme meeting to their research work.

Acceptance of participation will be communicated by **July 31, 2015 through the email only.**

The candidates must confirm their participation by paying the registration fee of Rs 1000/- through NET banking or sending the Demand draft (Details of which will be communicated with the letter of acceptance) to the convener of the workshop along with the details of the payments. The registration fee is towards lodging and boarding charges for the entire duration of the programme. Travel assistance may be provided to few deserving researchers.

After completion of the registration, participants will receive confirmation via email with detailed program. Copy of the email along with proof of identity (**for security permission to RRCAT**) should be carried to the venue.

VENUE OF THE MEETING

The theme meeting will be held at Raja Ramanna Centre for advanced technology, (RRCAT) Indore which is a unit of Department of Atomic Energy, Government of India. It is engaged in R&D in non-nuclear front-line research areas of lasers, particle accelerators and related technologies. It is situated at the south-western end of Indore city and is about 12 kms from the Indore railway station as well as the Indore airport. The nearest residential locality is Rajendra Nagar.



How to Reach:

By Air

Nearest Airport: Indore
Distance from RRCAT: 12 Kms.
Taxi fare: Rs. 350/- (approx.)

By Rail

Nearest Railway Station: Indore
Distance from RRCAT: 12 Kms.
Auto: Rs. 200/- (approx.)

By Road

By Road - 200 Kms from Bhopal (Capital of Madhya Pradesh)
Bus fare: Rs. 250/- (approx.)
Taxi fare: Rs. 350 - Rs. 400/- (approx.)

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S. Basu	DAE	Mumbai
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P. A. Naik	RRCAT	Indore
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S. K. Gupta	BARC	Mumbai
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G. K. Dey	BARC	Mumbai

National Organizing Committee

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Mayank Shukla	BARC	Mumbai	Secretary
Ashish Agrawal	BARC/RRCAT	Indore	Co-Convener

