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## Conference Topic

- Ion Beam Interaction mechanisms, theory and fundamentals
- Defect engineering,
- Ion Beam assisted Deposition
- Synthesis of buried nanostructures by low energy ions
- Generation of nanostructures/ nano wires by swift heavy ions
- Nano dots and nano ripples by ion induced sputtering and diffusion processes
- Synthesis of nanostructures by ion or atom assisted deposition techniques
- Radiation induced modification in biological system with nanostructures
- Ion-driven self-organization, sputtering and diffusion process
- Nanostructure synthesis and modification by ion beams
- Materials modifications in nanoparticles, thin films, and multilayers
- Polymer micro/nanostructures, membranes & nanocomposites
- Ion Beam Induced nano-structuring in materials for energy
- Applications of Synchrotron Radiation in Nano- structuring

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# 4<sup>th</sup> International Conference on Nano Structuring by Ion Beams

(ICNIB-2017)

11<sup>th</sup> - 13<sup>th</sup> October, 2017

The Organizing Committee invites you for the 4<sup>th</sup> International Conference on Nano-structuring by Ion Beams (ICNIB 2017), which will be held in Indore, India from 11<sup>th</sup> to 13<sup>th</sup> October, 2017. The conference is being organized by Devi Ahilya Vishwavidyalaya (University), Indore and Inter-University Accelerator Centre (IUAC), New Delhi in cooperation with Ion Beam Society of India (IBSI). Energetic ions are increasingly playing a crucial role in nanostructuring and development of nano materials. Ion beam irradiation induced synthesis and modification of nanostructures is the basic theme of this conference. The previous conferences in the biennial series were organized at Allahabad (2011), Jaipur (2013) and Agra (2015).

The ICNIB conference has established a platform for scientists, engineers, students and all those who are interested in Nano-structuring by Ion Beams technology from all over the world to discuss their recent scientific and technical achievements.

The details of the conference and further are being posted on the website <http://www.icnib.info>. We are looking forward to welcoming you in Indore for what promises to be a memorable meeting.

**Venue: Devi Ahilya Vishwavidyalaya(DAVV), Indore**

## Important dates:

Call for Abstracts	20 April 2017
Abstract submission deadline	30 July 2017
Abstract acceptance notification	10 August 2017
Early bird registration deadline	15 September 2017

Organised by

**School of Instrumentation, Devi Ahilya Vishwavidyalaya Indore  
Inter University Accelerator centre, New Delhi**

In cooperation with

**Ion Beam Society of India**

**For Details: <http://www.icnib.info>**