24th National Conference on Liquid Crystals

October 11-13, 2017

Organized by:
Department of Chemical Science
IISER Mohali, Punjab

In association with:
Indian Liquid Crystal Society
The aim of 24th National Conference on Liquid Crystals (NCLC-2017) is to bring together young and senior researchers from nationally and internationally reputed institutions working in the field of soft matter, liquid crystals and biological systems. This conference will provide a platform to discuss recent advancements in the field of liquid crystals as well as emerging interdisciplinary areas of soft matter, nanotechnology and biological systems. Emphasis will be given to eco-friendly, energy efficient devices based on these materials.

**Scientific Topics**

- Soft Matter Chemistry and Physics
- Molecular Design and Synthesis
- Theory and Modelling of Liquid Crystals
- Biological Liquid Crystals
- Photonics and Liquid Crystals
- Liquid Crystal Colloids
- Complex and Adaptive Matter
- Interfacial and Constrained Systems
- Thermotropic/Lyotropic Liquid Crystals
- Discotic, Bent-core, Dendrimeric Liquid Crystals
- Chiral Smectic and Polar Liquid Crystals
- Electro-optic Application of Liquid Crystals
- Liquid Crystal Polymers and Elastomers
- Liquid Crystal based Sensors
- Organic Frameworks and Nano-structures
- Phase Transitions
- Non Linear Optics of Liquid Crystals
About the Venue

Indian Institute of Science Education and Research, Mohali (IISER Mohali) is an autonomous academic institution established in 2007 at Mohali, Punjab, India. It is one of the seven IISERs, established by MHRD, Govt. of India, to research in frontier areas of science and to provide science education at the undergraduate and postgraduate level. Mohali city is a commercial hub lying adjacent to the city of Chandigarh in India. There are several tourist places near Mohali city - Shimla, Manali, Amritsar, Dalhousie, Dharamshala etc. The railway station and International Airport are located about 13 and 8 Km away from IISER Mohali Campus, respectively.

Scenic beauty around Chandigarh

- Rock Garden
- Manali
- Sukhna Lake
- Shimla
- Golden temple
- Rose Garden
## Important Dates

<table>
<thead>
<tr>
<th>Events</th>
<th>Date</th>
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<tbody>
<tr>
<td>Start of abstract submission</td>
<td>June 1, 2017</td>
</tr>
<tr>
<td>Deadline for abstract submission</td>
<td>July 15, 2017</td>
</tr>
<tr>
<td>Notification of acceptance</td>
<td>August 15, 2017</td>
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<tr>
<td>Deadline for registration</td>
<td>September 15, 2017</td>
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<td>Conference date</td>
<td>October 11-13, 2017</td>
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## Registration Fee

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<tr>
<th>Participant</th>
<th>Before Sept. 1, 2017</th>
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<tbody>
<tr>
<td>Regular</td>
<td>₹ 3500/-</td>
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<tr>
<td>ILCS member</td>
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<tr>
<td>PhD student</td>
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<td>₹ 2500/-</td>
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<tr>
<td>PhD student (ILCS member)</td>
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<tr>
<td>UG &amp; PG students</td>
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<td>Corporate</td>
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## Sponsorship

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Invited Speakers

Abhishek Chaudhuri, Mohali
B. T. Thaker, Surat
Corrie Imrie, UK
C. V. Yelamaggad, Bangalore
D. S. Shankar Rao, Bangalore
George Mehl, UK
J. K. Vij, Ireland
K. A. Suresh, Bangalore
K. K. Raina, Dehradun
K. S. Krishnamurthy, Bangalore
M. B. Pandey, Kanpur
M. K. Das, Siliguri
M. Srinivasulu, Manipal
N. Jayaraman, Bangalore
Pankaj Mishra, Bangalore
P. R. Alapati, Itanagar
Ravi K. Shukla, Dehradun
R. Dhar, Allahabad
R. Manohar, Lucknow
R. Pratibha, Bangalore
Sandeep Kumar, Bangalore
Satyendra Kumar, USA
S. Krishna Prasad, Bangalore
Sri Singh, Varanasi
Santanu K. Pal, Mohali
Yashwant Singh, Varanasi

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(Convenor)

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Dr. Santanu Kumar Pal, IISERM
Dr. A. R. Choudhury, IISERM
Dr. Abhishek Choudhury, IISERM
Dr. Dipanjan Chakraborty, IISERM
Dr. Kamalakannan Kailasam, INST
Dr. Arijit Kumar De, IISERM
Dr. Ujjal K Gautam, IISERM
Dr. Gautam Sheet, IISERM
Dr. Sanjay Singh, IISERM
Dr. Sugumar V., IISERM
Dr. Asish Pal, INST
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Chairman
Prof. K. S. Viswanathan

Convener
Dr. Santanu Kumar Pal

Co-conveners
Dr. Arijit Kumar De    Dr. Ujjal K Gautam

Treasurer
Dr. A. R. Choudhury

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