

**N M R S**  
National Magnetic Resonance Society (INDIA)  
**2016**



**22<sup>nd</sup> Conference of National Magnetic Resonance Society**  
**18<sup>th</sup> to 21<sup>st</sup> February, 2016**  
**Department of Chemistry, IIT Kharagpur**

Tentative Scientific Programme

Thursday, February 18, 2016 (Day-1)	
2.00 pm-onwards	<b>REGISTRATION and Tea</b>
3.30 pm-4.00 pm	<b>Inaugural Ceremony: Kalidas Auditorium</b>
4.00 pm-4.40 pm	Chair: C.L. Khetrapal, CBMR, Lucknow
4.40 pm-5.20 pm	PL1: Steffen Glaser, TU Munich, Germany
	PL2: R.V. Hosur, TIFR, Mumbai
5.20 pm-5.40 pm	<b>Tea</b>
	<b>Session-1 : Kalidas Auditorium</b> (Chair: N. R. Jagannathan, AllMS, New Delhi)
5.40 pm-6.10 pm	IP1: K.V.R. Chary, TIFR, Mumbai
6.10 pm-6.40 pm	IP2: N. Chandrakumar, IIT Madras
7.00 pm	<b>Dinner</b>

**Friday, February 19, 2016 (Day-2)****Session-2: Kalidas Auditorium** (Chair: K. V. Ramanathan, IISc, Bangalore)

9.00 am-9.40 am

**PL 3:** Michael Sattler, TU Munich, Germany**Session-3: Kalidas Auditorium** (Chair: Ashish Arora, CDRI, Lucknow)**Session-4: Gargi Auditorium** (Chair: N. Chandrakumar, IIT Madras)

9.40 am-10.10 am

IP3: B. Jagadeesh, IICT, Hyderabad

9.40 am-10.10 am

IP5: Norbert Mueller, JK University, Austria

10.10 am-10.40 am

IP4: H. S. Atreya, IISc, Bangalore

10.10 am-10.40 am

IP6: N. Suryaprakash, IISc, Bangalore

10.40 am-11.00 am

OP1: Ranbir Das, NCBS, Bangalore

10.40 am-11.00 am

OP2: Abhishek Cukkemane, Pune

**11.00 am-11.20 am****Tea****Session-5: Kalidas Auditorium** (Chair: R. V. Hosur, TIFR, Mumbai)**Session-6: Gargi Auditorium** (Chair: P. K. Chattaraj, IIT Kharagpur)

11.20 am-11.50 am

IP7: Sujoy Mukherjee, IICB, Kolkata

11.20 am-11.50 am

IP9: Junji Iwahara, University of Texas Medical Branch, Texas, USA

11.50 am-12.20 pm

IP8: Palwinder Singh, GNDU, Amritsar

11.50 am-12.20 pm

IP10: Ashish Arora, CDRI, Lucknow

12.20 pm-12.40 pm

OP3: Bikash Baishya, CBMR, Lucknow

12.20 pm-12.40 pm

OP5: Soumya De, IIT Kharagpur

12.40 pm-1.00 pm

OP4: Katsuo Asakura JEOL, Japan

12.40 pm-1.00 pm

OP6: Sairam Geethanath, DSR University, Bangalore

**1.00 pm-3.00 pm****Lunch and Poster ( Poster Presentations : odd numbers )****Session-7: Kalidas Auditorium** (Chair: Goutam Basu, Bose Institute, Kolkata)**Session-8: Gargi Auditorium** (Chair: H. S. Atreya, IISc, Bangalore)

3.00 pm-3.30 pm

IP11: Mandar Deshmukh, CCMB, Hyderabad

3.00 pm-3.30 pm

IP13: G. A. Nagana Gowda, University of Washington, USA

3.30 pm-4.00 pm

IP12: Prasun K Roy, NBRC, Delhi

3.30 pm-3.50 pm

OP8: Bharathwaj Sathyamoorthy, IISER Bhopal

4.00 pm-4.20 pm

OP7: S. Mukherjee, IIT Roorkee

3.50 pm-4.10 pm

OP9: Arjun Sengupta, University of Pennsylvania, USA

**4.20 pm-4.40 pm****Tea****Session-9: Award Lectures Session (Kalidas Auditorium; Chair: President, NMRS)**

4.40 pm-5.10 pm

Prof. S. Subramanian's 60<sup>th</sup> Birthday Lecture Award - I : Neeraj Sinha, CBMR, Lucknow

5.10 pm-5.40 pm

Prof. S. Subramanian's 60<sup>th</sup> Birthday Lecture Award - II : Anant Patel, CCMB, Hyderabad

5.40 pm-6.00 pm

CBMR Gold Medal Award: Sandeep Kumar Mishra, IISc, Bangalore

6.00 pm-6.20 pm

Jharna Rani Samal Best Student Award: Mr. Abhinav Dubey, IISc, Bangalore

**6.20 pm - 7.00 pm****General Body Meeting of NMRS (Kalidas Auditorium)****7.30 pm-8.30 pm****Cultural Programme (Kalidas Auditorium: Bharatnatyam by Dancer's Forum)****8.30 pm****Dinner**

<b>Saturday, February 20, 2016 (Day-3)</b>			
<b>Session-10: Kalidas Auditorium</b> (Chair: Anil Kumar, IISc, Bangalore)			
9.00 am-9.40 am		<b>PL4:</b> Hartmut Oschkinat, Forschungsinstitut für Molekulare Pharmakologie, Germany	
<b>Session-11: Kalidas Auditorium</b> (Chair: Prasun Roy, NBRC, Delhi)		<b>Session-12: Gargi Auditorium</b> (Chair: K.V. R. Chary, TIFR, Mumbai)	
9.40 am-10.10 am	IP14: Julien Orts, ETH Zurich	9.40 am-10.10 am	IP15: T. S. Mahesh, IISER Pune
10.10 am-10.30 am	OP10: Anirban Bhunia, Bose Institute, Kolkata	10.10 am-10.30 am	OP12: Mamata Joshi, TIFR, Mumbai
10.30 am-10.50 am	OP11: Dinesh Gupta, CBMR, Lucknow	10.30 am-10.50 am	OP13: Supriya Pratihar, Germany
<b>10.50 am-11.20 am</b>		<b>Tea</b>	
<b>Session-13: Kalidas Auditorium</b> (Chair: Samaresh Bhattacharya, Jadavpur University)		<b>Session-14: Gargi Auditorium</b> ( Chair: TBA)	
11.20 am-11.50 am	IP16: Krzysztof Kazmierczuk, Center of New Technologies, Poland	11.20 am-11.50 am	IP18: Navin Khaneja, IIT Bombay
11.50 am-12.20 pm	IP17: Mehdi Mobli, University of Queensland, Australia	11.50 am-12.20 pm	IP19: Kavita Dorai, IISER Mohali
12.20 pm-12.40 pm	OP14: Ajit Mahapatra, IEST, Shibpur	12.20 pm-12.40 pm	OP16: Ampapathi Ravi, CDRI, Lucknow
12.40 pm-1.00 pm	OP15: Janarthanan Krishnamoorthy, Chennai	12.40 pm-1.00 pm	OP17: Sayan Bhattacharyya, IISER Kolkata
<b>1.00 pm - 3.00 pm Lunch and Poster ( Poster Presentations : even numbers)</b>			
<b>Session 15: Student Presentations (Kalidas Auditorium)</b> (Chairs: B. Jagadeesh, IICT, Hyderabad and S. Ganapathy, University of Madras)			
3.00 pm-3.15 pm	SP1: Anirban Ghosh, Bose Institute Kolkata		
3.15 pm-3.30 pm	SP2: C. S. Sudheer Kumar, IISER Pune		
3.30 pm-3.45 pm	SP3: A. Lakshmi Priya, IISc, Bangalore		
3.45 pm- 4.00 pm	SP4: Indrani Pal, IISc, Bangalore		
4.00 pm-4.15 pm	SP5: Nikita Malik, IIT Bombay		
4.15 pm-4.30 pm	SP6: Vinay Ganapathy, IISER Mohali		
4.30 pm-4.45 pm	SP7: R. Ravikanth Reddy, CLRI, Chennai		
<b>4.45 pm-5.00 pm</b>	<b>Short Tea Break</b>		
5.00 pm- 5.15 pm	SP8: J.K. Lakshmi, IICT, Hyderabad		
5.15 pm-5.30 pm	SP9: Harpreet Singh, IISER Mohali		
5.30 pm-5.45 pm	SP10: Arnab Dey, IIT Madras		
5.45 pm-6.00 pm	SP11: Somenath Ghatak, AIIMS, New Delhi		
6.00 pm-6.15 pm	SP12: Deepak Kumar, IIT Jodhpur		
6.15 pm-6.30 pm	SP13: Vikas Kumar, NCL, Pune		
6.30 pm-7.00 pm	<b>Session 16: Special informative tutorial</b> on “Spindrops app” by Steffen Glaser in <b>Gargi Auditorium</b>		
<b>7.00 pm</b>	<b>Banquet (Railway Officer’s Club, Kharagpur)</b>		

<b>Sunday, February 21, 2016 (Day-4)</b>			
<b>Session-17: Kalidas Auditorium</b> (Chair: A C Kunwar, IICT, Hyderabad)		<b>Session-18: Gargi Auditorium</b> (Chair: T. Pal, IIT Kharagpur)	
9.00 am-9.30 am	IP20: Poonam Rana, INMAS, Delhi	9.00 am-9.30 am	IP21: Neel SaroVar Bhavesh, ICGEB, New Delhi
9.30 am-9.50 am	OP18: Avik Mazumder, DRDO, Gwalior	9.30 am-9.50 am	OP21: S. P. Rath, IIT Kanpur
9.50 am-10.10 am	OP19: Sujit Mondal, IOCL, Faridabad	9.50 am-10.10 am	OP22: S. Islam, Vidyasagar University, Midnapur
10.10 am-10.30 am	OP20: Virendra Kumar, AllMS, New Delhi	10.10 am-10.30 am	OP23: K. Muruga Poopathi Raja, MK University, Madurai
<b>10.30 am-11.00 am</b>		<b>Tea</b>	
<b>Session-19: Kalidas Auditorium</b> (Chair: D. mal, IIT Kharagpur)		<b>Session 20: Gargi Auditorium</b> (Chair: J. K. Ray, IIT Kharagpur)	
11.00 am-11.20 am	OP24: Deepak Yadav, Masaryk University, Czech Republic	11.00 am-11.20 am	OP27: N. C. Maity, IICB, Kolkata
11.20 am-11.40 am	OP25: Kousik Chandra, IISc Bangalore	11.20 am-11.40 am	OP28: Santosh Kumar Upadhyay, IGIB, New Delhi
11.40 am-12.00 pm	OP26: Rama Krishna Peddinti, IIT Roorkee	11.40 am-12.00 pm	OP29: Sankeerth Hebbar, U. Nottingham, UK
<b>12.00 pm-12.10 pm</b>	<b>Vote of Thanks</b>		
<b>12.10 pm - 2.00 pm</b>	<b>Lunch</b>		
<b>6.00 pm - 7.00 pm</b>	<b>Cultural Programme</b>		
<b>7.00 pm</b>	<b>Dinner</b>		

**Abbreviations:**

**PL:** Plenary Lecture;

**IP:** Invited Presentation;

**OP:** Oral Presentation;

**SP:** Student Presentation;

**PP:** Poster Presentation