



# 6<sup>th</sup> International Conference on Nanoscience and Nanotechnology (Virtual Conference)

February 01 - 03, 2021

CALL FOR PAPERS

## About ICONN

The 6<sup>th</sup> edition of biennial International Conference on Nanoscience and Nanotechnology (ICONN) is being organized by Department of Physics and Nanotechnology, SRM Institute of Science and Technology (SRMIST) India in association with Shizuoka University, Japan; National Chiao Tung University, Taiwan; GNS, New Zealand; University of Rome Tor Vergata, Italy; RMIT University, Australia; Tata Institute of Fundamental Research, India; The Asian Consortium on Computational Materials Science (ACCMS); Indian Physics Association (IPA); Material Research Society of India (MRSI), Indian Carbon Society, Council of Scientific & Industrial Research (CSIR) and Springer Nature. ICONN-2021 is expected to be a common platform to present and discuss path breaking research ideas and be an interface between academia and industry for the societal needs.

## Scientific Sessions

- ◆ Low-dimensional and 2D materials
- ◆ Surfaces, interfaces and thin films
- ◆ Nanocomposites and catalysts
- ◆ Multifunctional nanomaterials
- ◆ Molecular and nanoelectronics
- ◆ Sensors, actuators and NEMS/MEMS
- ◆ Nanomagnetism and spintronics
- ◆ Nanotechnology for energy harnessing, transport and storage
- ◆ Nanostructured solar cells and thermoelectrics
- ◆ Environmental nanotechnology
- ◆ Nanoscale modelling and applications
- ◆ Computational materials, methods and numerical techniques
- ◆ Complex and meta-nanophotonics: classical to quantum
- ◆ Nanobiotechnology, nanotoxicology and nanomedicine
- ◆ Nanotribology
- ◆ Manipulation and characterization of materials at nanoscale/atomic scale
- ◆ Industrial nanotechnology: products and commercialization

### Seeding Nanoscience in Young Minds: Live interaction with Nanoscientists

(hosted by SRMIST-ICONN and co-hosted by ISCA Chennai Chapter in celebration of DST, Govt. of India's Golden Jubilee Year)

Young bright students (age group between 14-19) nominated by the head of institutions will have an interactive session with eminent Nanoscientists from top ranking institutions.

## Important Dates

Last date for submission of abstract : 15/12/2020  
 Acceptance Notification : 20/12/2020  
 Last date for Registration : 08/01/2021

## For further details contact

### Conference Secretariat - ICONN 2021

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 E-mail : [iconn.2021@srmist.edu.in](mailto:iconn.2021@srmist.edu.in)  
 Website : <https://www.srmist.edu.in/iconn-2021>

## Awards

ICONN-2021 announces awards in the following categories.

- SRM-ICONN Award of excellence in Nanoscience and Nanotechnology
- SRM-ICONN Innovation Award
- SRM-ICONN Outstanding Woman Researcher Award
- SRM-ICONN Young Researcher Award
- SRM-ICONN Best Oral and Poster Award
- Kawazoe Poster Prize
- Springer Nature Poster Prize for Doctoral Students

## Conference Proceedings

All the accepted abstracts will be published in ICONN-2021 abstracts volume with ISBN number

## Journal Publications

Manuscripts submitted will be peer reviewed and accepted papers will be published in the special issue of the following journals.

- Chemosphere (IF: 5.778)
- Materials Letters (IF: 3.204)
- J. of Materials Science: Materials in Electronics (IF:2.220)
- ECS J. of Solid State Science and Technology (IF:2.142)
- Journal of Nanoparticle Research (IF: 2.132)
- Journal of Sol-gel Science and Technology (IF: 2.008)
- European Physical Journal B (1.347)
- IOP Conference Series: Materials science and Engineering (Scopus Indexed Conference Publications)

## Registration Fees

Students / Research Scholars : INR 300  
 Postdoc. / Research Associates : INR 400  
 Faculty / Scientists : INR 500  
 Industry Delegates : INR 1000  
 International Delegates : USD 50

## Keynote/Theme/Invited Speakers

Prof. Yury Gogotsi, Drexel University, USA  
 Prof. Ramamoorthy Ramesh, UC Berkeley, USA  
 Prof. Hideo Hosono, Tokyo Institute of Technology, Japan  
 Prof. Yuri Kivshar, Australian National University, Australia  
 Prof. Kazunari Domen, University of Tokyo & Shinshu University, Japan  
 Prof. Young Hee Lee, Sungkyunkwan University, South Korea  
 Prof. T. Venky Venkatesan, National University of Singapore, Singapore  
 Prof. Hideo Ohno, Tohoku University, Japan  
 Prof. Manish Chhowalla, University of Cambridge, United Kingdom  
 Prof. Kourosh Kalantar Zadeh, University of New South Wales, Australia  
 Prof. Yuan Ping Feng, Dept. of Physics, National University of Singapore  
 Prof. Chennupati Jagadish, Australian National University, Australia  
 Prof. Thomas Anthopoulos, KAUST, Saudi Arabia  
 Prof. Jeffrey W. Elam, Argonne National Laboratory, USA  
 Prof. Corrado Di Natale, University of Rome Tor Vergata, Rome, Italy  
 Prof. Arindam Ghosh, Indian Institute of Science Bangalore, India  
 Prof. Suresh K. Bhargava, RMIT University, Australia  
 Prof. Yoshiyuki Kawazoe, Tohoku University, Japan  
 Prof. Umesh V. Waghmare, Jawaharlal Nehru Centre for Advanced Scientific Research, India  
 Dr. M. V. Reddy, Institute of Research Hydro-Québec, Canada  
 Prof. Ajayan Vinu, The University of Newcastle, Australia  
 Prof. Ichiro Takeuchi, University of Maryland, USA  
 Prof. Toru Aoki, Shizuoka University, Japan  
 Prof. Shizuo Tokito, Yamagata University, Japan  
 Prof. Diederik Wiersma, LENS, University of Florence, Italy  
 Prof. Roberto Paolesse, University of Rome Tor Vergata, Rome, Italy  
 Prof. Kwang-Ryeol Lee, KIST, South Korea  
 Prof. Ramasamy Jayavel, Anna University, India  
 Prof. Kanishka Biswas, Jawaharlal Nehru Centre for Advanced Scientific Research, India  
 Dr. Jer-lai Kuo, Institute of Atomic and Molecular Sciences, Academia Sinica, Taiwan  
 Prof. Peter Lodahl, Niels Bohr Institute, Copenhagen, Denmark  
 Dr. John V Kennedy, GNS Science, New Zealand  
 Prof. Abhishek K. Singh, IISc Bangalore, India  
 Prof. Madhu Bhaskaran, RMIT University, Australia  
 Prof. Sharath Sriram, RMIT University, Australia  
 Prof. Wolfgang Kuch, Freie University, Germany  
 Prof. Ganesh D. Sharma, The LNM Institute of Information Technology, India  
 Prof. Amlan J. Pal, Indian Association for the Cultivation of Science, Jadavpur, India  
 Prof. Nyugen-Manh Duc, Culham Centre for Fusion Energy, United Kingdom  
 Prof. Matthias Opel, Waltham Meissner Institute, Germany  
 Prof. Pepijn Pinkse, University of Twente, Netherlands  
 Prof. Yukinori Ono, Shizuoka University, Japan  
 Prof. M. S. Ramachandra Rao, Indian Institute of Technology, India  
 Prof. Enoch Y. Park, Shizuoka University, Japan  
 Prof. Yasuhiro Hayakawa, Shizuoka University, Japan  
 Prof. Aaron D. Franklin, Duke University, USA  
 Prof. Rahul Mitra, Indian Institute of Technology Kharagpur, India  
 Prof. Sandip Kumar Dhara, IGCAR, Kalpakkam, India  
 Prof. Kalobaran Maiti, Tata Institute of Fundamental Research, India  
 Prof. Clara Santato, Polytechnique Montreal, Canada  
 Prof. Edward Yi chang, National Chiao Tung University, Taiwan  
 Dr. Ajay Singh, Bhabha Atomic Research Center, India  
 Dr. Mehul Malik, Heriot Watt University, UK  
 Prof. S. Balakumar, University of Madras, India  
 Prof. Masaru Shimomura, Shizuoka University, Japan  
 Prof. Hidenori Mimura, Shizuoka University, Japan  
 Prof. Samad Ahadian, Terasaki Institute for Biomedical Innovation, USA  
 Prof. Daniel Neumaier, University of Wuppertal, Germany  
 Prof. Hiroshi Inokawa, Shizuoka University, Japan  
 Prof. Tsuyoshi Minami, The University of Tokyo, Japan  
 Prof. Radha Boya, The University of Manchester, England  
 Prof. Ranjit Thapa, SRM University-AP, India  
 Dr. M. Navaneethan, SRMIST, India  
 Prof. Yoshimasa Kawata, Shizuoka University, Japan  
 Prof. Hiroya Ikeda, Shizuoka University, Japan  
 Prof. Peter PETRIK, Hungarian Academy of Sciences, Hungary  
 Dr. Abhay A. Sagade, SRMIST, India  
 Prof. J. Kondoh, Shizuoka University, Japan  
 Prof. Satheesh Krishnamurthy, The Open University, UK  
 Prof. Theodor Doll, FITEM, Germany  
 Prof. Titas Dasgupta, Indian Institute of Technology, India  
 Prof. Yosuke Shimura, Shizuoka University, Japan  
 Prof. Roie Yerushalmi, The Hebrew University of Jerusalem, Israel  
 Prof. Sushil Mujumdar, Tata Institute for Fundamental Research, Mumbai, India  
 Prof. Kazuhiko Hara, Shizuoka University, Japan  
 Prof. Masakazu Kimura, Shizuoka University, Japan  
 Dr. Shinji Yamada, Kao Corporation, Japan  
 Dr. Hugo Defienne, University of Glasgow, UK  
 Prof. Yasuto Shirai, Shizuoka University, Japan  
 Prof. Kiyoshi Ishii, Shizuoka University, Japan  
 Prof. Karthigeyan Annamalai, SRMIST, India  
 Prof. Omar Mounkachi, Université Mohammed V de Rabat, Morocco  
 Prof. Daniel Moraru, Shizuoka University, Japan  
 Prof. Hirokazu Tatsuoka, Shizuoka University, Japan  
 Prof. Hironori P. Short, MIT, USA  
 Prof. Naonori Sakamoto, Shizuoka University, Japan  
 Prof. Takayuki Nakano, Shizuoka University, Japan  
 Dr. Abdelfattah Mahmoud, The University of Liège, Belgium  
 Prof. Naoki Wakiya, Shizuoka University, Japan  
 Prof. Masahiro Hori, Shizuoka University, Japan  
 Dr. Siva Krishna Karuturi, Australian National University, Australia  
 Dr. Bibhudutta Rout, University of North Texas, USA  
 Dr. Ivan Merenkov, Russian Academy of Sciences, Russia

