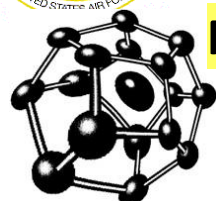




SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Deemed to be University u/s 3 of UGC Act, 1956



Pacific Rim International Conference on Superconducting Materials : Fundamentals and Applications - PRISM

September 22 and 23, 2022

Organized by

ACCMS-Global Research Center SRMIST, Chennai India &
New Industry Creation Hatchery Center, Tohoku University, Japan

Virtual Conference



About the Conference

PRISM is being organized by ACCMS-GRC, SRMIST and NICHe, Tohoku University in association with AFOSR, AOARD, Society of Nanoscience and Nanotechnology, and GoodTree Company. Superconducting materials are used as an essential part in quantum computers, levitation fast trains, and so on. Eminent scientists will discuss from the fundamental research on superconducting materials and their applications in the Pacific-Rim Area during the conference.

Overview Talk



Prof. Warren E. Pickett

University of California Davis, USA

Title: "Superconductivity: One Hundred Years to Reach Room Temperature"

Keynote Speakers



Prof. Charles Cerny
USAF Research Laboratory, USA



Prof. Junichi Kitano
Central Japan Railway Company, Japan



Prof. Julia A. Mundy
Harvard University, USA

Invited Speakers

1. Prof. Ariando, *National University of Singapore, Singapore*
2. Prof. D.L. Shepelyansky, *Laboratoire de Physique Theorique, France*
3. Prof. In-Gann Chen, *National Cheng Kung University, Taiwan*
4. Prof. Io Chun Hoi, *City University of Hong Kong, Hong Kong, China*
5. Prof. Zhengtao Xu, *Institute of Materials Research and Engineering, Singapore*
6. Prof. Takashi Uchihashi, *NIMS, Japan*
7. Prof. Bhupendra N. Dev, *Centre for Quantum Engineering, Research and Education, India*
8. Prof. Xiao Hu, *NIMS, Japan*
9. Prof. Takuto Kawakami, *Osaka University, Japan*
10. Prof. Rod Badcock, *Victoria University of Wellington, New Zealand*
11. Prof. Y.S. Yap, *Universiti Teknologi Malaysia, Malaysia*
12. Prof. Shen Chong, *Victoria University of Wellington, New Zealand*
13. Prof. Shane Cybart, *University of California at Davis, USA*
14. Prof. Mohammad Saeed Bahramy, *The University of Manchester, UK*
15. Prof. Maricar Rosete, *University of the Philippines Diliman, Philippines*
16. Prof. Sangita Bose, *University of Mumbai, India*
17. Prof. FrANCESca Isabel De Vera, *University of Philippines, Philippines*
18. Prof. Kazutaka Kudo, *Osaka University, Japan*
19. Prof. Hyoung Joon Choi, *Yonsei University, Korea*
20. Prof. Jun Sung Kim, *Pohang University of Science and Technology, Korea*
21. Prof. Hoi Chun Po, *The Hong Kong University of Science and Technology, Hong Kong*
22. Prof. Samuel Murphy, *Lancaster University, UK*
23. Prof. Worawat Meevasana, *Suranaree University of Technology, Thailand*

Themes

- Superconductors and superconducting materials
- High temperature superconductors
- Applications of superconductors
- Theory of superconductivity
- Low -dimensional superconductivity
- Topological superconductors
- Physics and chemistry of superconducting materials
- Hybrid materials
- Spintronics
- Thin films
- Heterostructures

Best three
research works
will be selected
for oral
presentation

CALL FOR ABSTRACTS

Who can submit: Ph.D. Students and Post –Doctoral Researchers

Submit to : prism2022@pedc.tohoku.org

Abstract template available at: <http://accms.mobility.niche.tohoku.ac.jp/PRISM2022/index.html>

Last date for abstract submission: September 18, 2022 ; Acceptance: September 19, 2022

Registration Details: Registration is free.

Links:1. <https://tinyurl.com/26vy8pkm> 2. <http://accms.mobility.niche.tohoku.ac.jp/PRISM2022/index.html>

Last date for registration: September 21, 2022

*Zoom links will be shared with the registered participants

E-certificates will be issued to all participants

For Further Details: Please contact our secretariat by e-mail

to prism2022@pedc.tohoku.org

Visit: <http://accms.mobility.niche.tohoku.ac.jp/PRISM2022/index.html>

SRMIST

CHIEF PATRONS

Dr. T. R. Paarivendhar, Chancellor

Dr. Ravi Pachamoothoo, Pro Chancellor (Administration)

Dr. P. Sathyanarayanan, Pro Chancellor (Academics)

Dr. R. Shivakumar, Vice President

ADMINISTRATION ADVISORY COMMITTEE

Prof. C. Muthamizhchelvan, Vice Chancellor

Prof. S. Ponnusamy, Registrar

Prof. T. V. Gopal, Dean (CET)

Prof. A. Duraisamy, Dean, CSH

Prof. B. Neppolian, Dean (Research)

Prof. D. John Thiruvadigal, Chair Person (SAS)

Prof. A. Karthikeyan, HOD, Physics and Nanotechnology

ACCMS

Head and Founder

Prof. Yoshiyuki Kawazoe

Tohoku University, Japan

Executive body

Prof. Puru Jena (USA)

Prof. Kaoru Ohno (Japan)

Prof. Gour Prasad Das (India)

Prof. Jisoon Ihm (Korea)

Prof. Vladimir Belosludov (Russia)

Prof. Duc Nguyen Manh (Vietnam/UK)

Prof. Yuan-Ping Feng (Singapore)

Advisory Council

Prof. Keivan Esfarjani (USA)

Prof. Jian-Tao Wang (China)

Prof. Jer-Lai Kuo (Taiwan)

Prof. Khia-Hooi Chew (Malaysia)

Prof. Chi Kit Andy Siu (Hong Kong)

Prof. Talgat Inerbaev (Kazakhstan)

Prof. Hui Pan (Macau)

Prof. Darwin Barayan Putungan (Philippines)

Prof. Qiang Sun (China)

Prof. Qian Wang (China)

Prof. Sirichok Jungthawan (Thailand)

Prof. Kwang-Ryeol Lee (Korea)

Prof. Hiroshi Mizuseki (Japan/Korea)

Prof. Bing-Joe Huang (Taiwan)

Prof. Umesh V. Waghmare (India)

Prof. D. John Thiruvadigal (India)

Prof. K. Iyakutti (India)

Prof. Ranjit Thapa (India)

Dr. V.J.Surya (India)

Convener:

Prof. Yoshiyuki Kawazoe

Head ACCMS-GRC

Dr. A.P.J. Abdul Kalam Distinguished Professor,
Dept. of Physics and Nanotechnology, SRMIST

Organizers:

Dr. V.J.Surya

Dr. S. Yuvaraj

ACCMS-GRC Center-in-Charges

Dept. of Physics and Nanotechnology, SRMIST