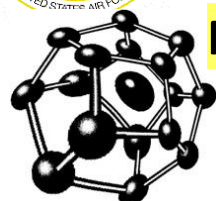




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# Pacific Rim International Conference on Superconducting Materials : Fundamentals and Applications - PRISM

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,*
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, ,

## Themes

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

Best three  
research works  
will be selected  
for oral  
presentation

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

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ACCMS-GRC Center-in-Charges  
Dept. of Physics and Nanotechnology, SRMIST

## CALL FOR ABSTRACTS

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

Submit to : [prism2022@pedc.tohoku.org](mailto:prism2022@pedc.tohoku.org)

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

Last date for abstract submission: September 15, 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/acceptance of abstracts: September 21, 2022

\*Zoom links will be shared with the registered participants

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

to [prism2022@pedc.tohoku.org](mailto:prism2022@pedc.tohoku.org)

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