



IESCMP2023

International Experts Summit on
**Condensed Matter
Physics and Materials**

OCTOBER 12, 2023

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Virtual Presentation Friday | October 13, 2023

Oct 13, 2023 10:30 AM
Time Zone: Beijing, China (GMT+8)

Host Introduction: 10:20 AM – 10:30AM

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|------------------------|----------|---|
| 10:30AM–11:10AM | P | Title: Lattice Reactions and Structural Changes Governing Reversibility in Shape Memory Alloys

Osman Adigüzel , <i>Firat University, Turkey</i> |
| 11:10AM–11:50AM | P | Title: Mean-Time-to-Failure Equations in Microelectronic Devices Based on Entropy Production

TU King Ning , <i>City University of Hong Kong</i> |
| 11:50AM–12:10AM | K | Title: Fabricated by Stereolithographic Additive Manufacturing

Soshu Kirihara , <i>Osaka University, Japan</i> |
| 12:10PM–12:40PM | K | Title: Determination of Charge Centroid Location and Energy Depth of Charge Carriers Trapped in Silicon Nitride Charge-Trap Layers

Kiyoteru Kobayashi , <i>Tokai University, Japan</i> |
| 12:40PM–13:10PM | K | Title: Photonic Glass and Fiber for Detection Applications

Shifeng Zhou , <i>South China University of Technology, China</i> |
| 13:10PM–13:40PM | K | Title: Quantized Topological Chagers of Ferroelectric Skyrmions Formed in Two-Dimensional Multiferroic Materials

Liu, Zhaosen , <i>Hengyang Normal University, China</i> |
| 13:40PM–14:05PM | I | Title: Theoretical Study on In-Plane, Out-of-Plane, and Transverse Anisotropic Magnetoresistance Effects for Ferromagnetic Films

Satoshi Kokado , <i>Shizuoka University, Japan</i> |
| 14:05PM–14:30PM | I | Title: Enhancement of Thermal Conductivity and Heat Transfer rate involving Hybrid Nano fluids on MHD Stagnation Point Flow over a Stretching Sheet

Santoshi Misra , <i>Islamic University of Gaza (IUG), Gaza City</i> |
| 14:30PM–14:55PM | I | Title: Changes in the Coercivity Fields of Magnetoresistance Hysteresis Loops Under the Influence of a Spin-Polarized Current

Eugene Beliyayev , <i>B. Verkin Institute for Low Temperature Physics and Engineering, Ukraine</i> |

- 14:55PM–15:20PM** **I** **Title:** Thermodynamics and Phase Transitions of the Classical Spin-1 Ising Model for Magnetic Systems
Roberto Zivieri, *Istituto Nazionale di Alta Matematica, Italy*
- 15:20PM–15:50PM** **K** **Title:** Spontaneous Symmetry Breaking in Achiral Ferroelectric LCs
Yuri Panarin, *The University of Dublin, Ireland*

THE END