



# 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

- 10:30AM–11:10AM**    **P**    **Title:** Lattice Reactions and Structural Changes Governing Reversibility in Shape Memory Alloys  
**Osman Adigüzel**, *Firat University, Turkey*
- 11:10AM–11:50AM**    **P**    **Title:** Mean-Time-to-Failure Equations in Microelectronic Devices Based on Entropy Production  
**TU King Ning**, *City University of Hong Kong*
- 11:50AM–12:10AM**    **K**    **Title:** Fabricated by Stereolithographic Additive Manufacturing  
**Soshu Kiriara**, *Osaka University, Japan*  
Satoshi Kokado
- 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**, *Tokai University, Japan*
- 12:40PM–13:10PM**    **K**    **Title:** Photonic Glass and Fiber for Detection Applications  
**Shifeng Zhou**, *South China University of Technology, China*
- 13:10PM–13:40PM**    **K**    **Title:** Quantized Topological Chagers of Ferroelectric Skyrmions Formed in Two-Dimensional Multiferroic Materials  
**Liu, Zhaosen**, *Hengyang Normal University, China*
- 13:40PM–14:05PM**    **I**    **Title:** Theoretical Study on In-Plane, Out-of-Plane, and Transverse Anisotropic Magnetoresistance Effects for Ferromagnetic Films  
**Satoshi Kokado**, *Shizuoka University, Japan*
- 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**, *Islamic University of Gaza (IUG), Gaza City*
- 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**, *B. Verkin Institute for Low Temperature Physics and Engineering, Ukraine*

- 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**