

# Online Workshop on Condensed Matter Physics

## <Day 1> Featured Speakers



Prof. Steven Louie

Interaction and Topological Effects  
in Quasi 1D and 2D Materials

9:10AM-9:50AM (KR) / 4:10PM-4:50PM (CA)



Prof. Seongil Im

Energy Applications of  
2D TMD FETs and Diodes

9:50AM-10:30AM (KR) / 4:50PM-5:30PM (CA)

Bandstructure Engineering  
in Two-Dimensional Semiconductors

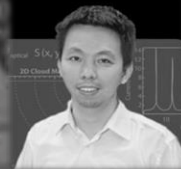
11:20AM-12:00PM(KR) / 6:20PM-7:00PM (CA)

Engineering Correlation and Topology  
in Two-Dimensional Moire Superlattices

12:00PM-12:40PM(KR) / 7:00PM-7:40PM (CA)



Prof. Keun Su Kim



Prof. Feng Wang

## <Day 2> Featured Speakers



Prof. James Analytis

Electrical Control of Complex Spin Textures:  
Coupled Order Parameters  
and Collective Dynamics in  $\text{Fe}_x\text{NbS}_2$

9:10AM-9:50AM (KR) / 4:10PM-4:50PM (CA)



Prof. Hyoung Joon Choi

Exploring New Phosphorus Structures :  
From Type-II Red Phosphorus to Phosphorene Edges

11:20AM-12:00PM(KR) / 6:20PM-7:00PM (CA)



Prof. Kwanpyo Kim

Exploring the One-Dimensional Limit of  
Transition-Metal Chalcogenides

12:00PM-12:40PM(KR) / 7:00PM-7:40PM (CA)



Prof. Alex Zettl



Feb. 18-19, 2021. 09:00AM - 12:40PM



Feb. 17-18, 2021. 04:00PM - 07:40PM (CA)



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