

join us for the

WPI-SKCM<sup>2</sup>

# Winter School

knot topology · sustainability · more

December 9-20, 2024, Japan

## Confirmed Invited Presenters

Antonio De Simone (SISSA)  
Neslihan Gugumcu (Izmir Inst of Tech)  
Louis Kauffman (U of Illinois at Chicago)  
Sofia Lampropoulou (National Tech U of Athens)  
Sabetta Matsumoto (Georgia Tech)  
Sonia Mahmoudi (Tohoku U)  
Amos Martinez (Nature Materials)  
Ye Yuan (Hiroshima U)  
Yuhong Zhu (Hiroshima U)

Dwaipayan Chakrabarti (U of Birmingham)  
Marjolein Dijkstra (Utrecht U)  
Katsuya Inoue (Hiroshima U)  
Tamas Kalman (Tokyo Inst of Tech)  
Yuya Koda (Keio U)  
Mykola Tasinkevych (Nottingham Trent U)  
Chihiro Sasaki (U of Wroclaw)  
Yair Shokef (Tel Aviv U)  
Silvia Vignolini (U of Cambridge)

Saad Bhamla (Georgia Tech)  
Javier Campo (CSIC, U of Zaragoza)  
Keiichi Inoue (U of Tokyo)  
Kohzo Ito (U of Tokyo)  
Amory Lovins (Stanford U)  
Tetsuaki Moriguchi (U of Tsukuba)  
Reiko Oda (Tohoku U, Bordeaux U)  
Shinji Okada (Chubu U)  
Jieh-wen Tsung (National Yang Ming Chiao Tung U)  
Kazami Yamamoto (JAEA, J-PARC Center)

Shigenori Fujikawa (Kyushu U)  
Zhanglin Guo (Kyushu U)  
Tatsumi Ishihara (Kyushu U)  
Akio Kimura (Hiroshima U)  
Ivan Smalyukh (U of Colorado Boulder)  
Hikaru Yabuta (Hiroshima U)  
Ki-Seok Yoon (Kyushu U)

Endorsed by The Chemical Society of Japan & The Japan Society of Applied Physics

## Free Registration

Extra Event Fees:

The poster sessions will be accompanied by a mixer each week, with an additional fee of 1,000 JPY/mixer for students and postdocs, and 2,000 JPY/mixer for professor-level attendees.



For more information and to register



## Week 1: Math

featuring Louis Kauffman



Invited presenters include Prof. Lou Kauffman (University of Illinois at Chicago), Sabetta Matsumoto (Georgia Institute of Technology), and Amos Martinez (Nature Materials). This week's tutorials will focus heavily on mathematics. This week will also cover various aspects of science communication, including elevator pitches, publishing in high impact journals, and design and illustration in Rhinoceros 3D.



## Week 2: Sustainability

with I<sup>2</sup>CNER

This week will focus on sustainability, with a joint symposium highlighting areas of synergy between our fellow WPI Center, I<sup>2</sup>CNER. I<sup>2</sup>CNER is dedicated to the science underlying energy technologies that promise significant reductions in carbon emissions over the next few decades.