**SP: Statistical and Biological Physics**
**Chair: Hai-Jun Zhou (Institute of Theoretical Physics, CAS)**

| No. | Invited Speaker | Affiliation | Topic |
|---|---|---|---|
| 1 | Murray Batchelor | Australian National University | Exceptional points and where to find them |
| 2 | Hugues Chaté | Commissariat à l'Énergie Atomique et aux Énergies Alternatives, Saclay | Stronger yet weaker: Long range orientational order in 2D active matter |
| 3 | Timothy Garoni | Monash University (Melbourne) | Critical speeding up in dynamical percolation on high-dimensional tori |
| 4 | Naomichi Hatano | University of Tokyo | Localization Transition in Non-Hermitian Quantum Mechanics |
| 5 | Changbong Hyeon | Korea Institute for Advanced Study | Polymer Brush-induced Depletion Interactions and clustering of signaling proteins |
| 6 | Pik-Yin Lai | National Central University (Taoyuan) | Avalanches, Stick-slip Dynamics, and Extreme-value statistics in dry friction, moving contact line, and cargo transport in living cells |
| 7 | Jae Sung Lee | Korea Institute for Advanced Study | Coherence enhanced by dynamic oscillators: Breaking π-reflection symmetry |
| 8 | Keng-Hui Lin | Academia Sinica (Taipei) | Mechanical waves identify the amputation position during wound healing in the amputated zebrafish tailfin |
| 9 | Yanhui Liu | Guizhou University | Identification of macromolecule crowding at single-moleccule level and swapping of knot under tension |
| 10 | Yuanyuan Mi | Tsinghua University | Neural Correlates of Serial Dependence: Synaptic Short-term Plasticity Orchestrates Repulsion and Attraction |
| 11 | Richard Morris | University of New South Wales (Sydney) | Nonstationary critical phenomena: Expanding the critical point |
| 12 | Dario Poletti | Singapore University of Technology and Design | Hydrodynamics and the eigenstate thermalization hypothesis |
| 13 | Sanjib Sabhapandit | Raman Research Institute (Bengaluru) | Hydrodynamics of a hard-core active lattice gas |
| 14 | Xiaqing Shi | Soochow University | Inescapable Anisotropy of Nonreciprocal XY Models |
| 15 | Chushun Tian | Institute of Theoretical Physics, CAS | Fluctuation phenomena in entanglement dynamics |
| 16 | Dongping Yang | Zhejiang Lab | Neural Dynamics for Perception, Cognition, and Navigation |
| 17 | Rui Zhang | The Hong Kong University of Science and Technology | Lattice and Orientational Defects Mediate Collective Transport of Confluent Cells |