

2023 RIKEN-NCHU JOINT SYMPOSIUM PROGRAM

Time	1 Sep Friday
09:00-09:20	Registration
09:20-09:30	Opening Remarks / Prof. Chang-Hsien Yang
Session I / Chair: Prof. Mon-Shu Ho	
09:30-09:50	Dr. Kazuki Saito / RIKEN The challenge of RIKEN CSRS for the establishment of Sustainable Resource Science
09:50-10:00	Dr. Jenn-Ming Song / i CAST, NCHU Unveiling the Advancements: Introduction to the National Chung Hsing University's i-Center for Advanced Science and Technology (i CAST)
10:00-10:20	Dr. Motoaki Seki / RIKEN Ethanol-mediated novel survival strategy against drought, heat and high- salinity stresses in plants
10:20-10:40	Dr. Chieh-Chen Huang/ NCHU Carbon fixation through reverse TCA cycle: Is this the first machinery to making life? How do we apply the machinery for modern autotrophic cell factory?
Coffee Break	
Session II / Chair: Prof. Shin-Liang Chen	
10:55-11:15	Dr. Kouta Kondou / RIKEN Emergence of spintronics functionalities based on material symmetries
11:15-11:35	Dr. Minoru Kawamura/ RIKEN Experimental observation of Laughlin charge pump in quantum anomalous Hall insulator
11:35-11:55	Dr. Huan-Yu Ku/ NTNU Measurement incompatibility cannot be increased stochastically
Lunch	
Session III / Chair: Prof. Zingway Pei	
13:30-13:50	Dr. Yousoo Kim / RIKEN Single-molecule Near-field Spectroscopy with STM
13:50-14:10	Dr. Tadashi Machida/ RIKEN Zeeman effects of Yu-Shiba-Rusinov states as a novel spin-polarized scanning probe
14:10-14:30	Dr. Yen-Fu Lin / NCHU Redefining Possibilities: The Promising Applications of Ambipolar 2D Electronics
14:30-14:50	Dr. Kenjiro Fukuda/ RIKEN Ultrathin organic solar cells for next-generation applications in wearable electronics and soft robots
Coffee Break	
Session IV / Chair: Prof. Jeng-Liang Han	
15:05-15:25	Dr. Atsuya Muranaka/ RIKEN Synthesis and Characterization of Near-infrared Absorbing π -Conjugated Molecules
15:25-15:45	Dr. Yoichi Yamada / RIKEN Organic Transformation Reactions Using Nano-Structured Polymeric Metal Catalysts
15:45-16:05	Dr. Chen-Yuan Tseng/ NCHU Stem Cell Clone War: Lessons from <i>Drosophila</i>
16:05-16:35	Poster session
16:35-	Award presentation and closing