

September 20, 2023

C10: The Structure and Dynamics of Condensed Matter

Commission Report for the IUPAP 2023 C&CC meeting

Submitted by Tae Won Noh, Chair C-10

1. The 2023 C 10 Early Career Scientist Prize (ECSP) was conferred upon Assistant Professor You Zhou, at University of Maryland. This recognition honored " his contribution on discoveries of Wigner crystals in 2D materials and studies of their quantum phase transitions." The award ceremony took place at the 2023 March Meeting of the American Physical Society (APS), where he delivered an invited talk at the DMP awards symposium.
2. The selection process for the 2024 C 10 ECSP is currently underway. We anticipate announcing the final recipient by mid-October. We will organize the award ceremony and invited talk at the 2024 APS March Meeting, which will be held from March 3 to 8, 2024 in Minneapolis, USA.
3. Given the diversity of fields represented within C 10, commission members have rarely been able to meet face to face. We are planning a video conference in the coming months, utilizing platforms such as Zoom.
4. C10 has actively supported the IUPAP sponsorship of the Fourth International Conference on Materials Science (ICMS-2024), which will be held from January 31 to February 2, 2024 in Tripura, India. We made efforts focused on promoting greater female and international participation in this conference.