

1. Title (both in English for a domestic workshop/conference)	Compact Stars in the QCD Phase Diagram
2. List of members of the organizing committee with full name and affiliation	Masakiyo Kitazawa (YITP) Toru Kojo (KEK) Koutarou Kyutoku (Chiba University) Hajime Sotani (RIKEN) Kohsuke Sumiyoshi (Numazu College of Technology) Tomoya Takiwaki (NAOJ) Hajime Togashi (RCNP) Nobutoshi Yasutake (Chiba Institute of Technology)
3. Period of workshop / conference	From 07/10/2024 To 11/10/2024
4. Venue	Yukawa Institute of Theoretical Physics
5. Description of the results	<p>The program of this conference was designed with a focus on interdisciplinary perspectives while maintaining the framework of finite density QCD and astrophysics. At the beginning of each session, we invited leading researchers in each topic to give review talks, where they first discussed recent developments and key problems before moving on to general talks.</p> <p>In addition to the review lectures, both the general and young researcher talks were of high quality. As a result, discussions among participants were well-aligned, and lively exchanges took place. During the young researcher session, senior researchers posed many questions and suggestions, which I hope made the young researchers feel supported within the field. This conference aimed at generating new ideas and fostering research exchange by ensuring the discussion topics were not overly narrowed from the beginning. I look forward to seeing the seeds sown here bloom in the near future.</p>
6-1. Numbers of participants from overseas	40
6-2. Numbers of male participants	65
6-3. Numbers of female participants	8
7. URL of the webpage	<a href="https://indico.yukawa.kyoto-u.ac.jp/event/30/">https://indico.yukawa.kyoto-u.ac.jp/event/30/</a>
8. URL and/or DOI of the (online) proceedings	