

1. Title (both in English for a domestic workshop/conference)	Fourth Workshop on Density Functional Theory: Fundamentals, Developments, and Applications
2. List of members of the organizing committee with full name and affiliation	Ryosuke Akashi (National Institutes for Quantum Science and Technology), Tomoya Naito (The University of Tokyo/ RIKEN iTHEMS: Scientific Secretary), Masanori Tachikawa (Yokohama City University), and Kenichi Yoshida (Research Center for Nuclear Physics, The University of Osaka: Chair)
3. Period of workshop / conference	From 28/01/26 To 30/01/26
4. Venue	Large Meeting Room of RCNP
5. Description of the results in 100-200 words	Density Functional Theory (DFT) is widely used as a powerful method for solving quantum many-body problems across quantum chemistry, condensed-matter physics, and nuclear physics. In this workshop, lectures from the field of quantum chemistry were included for the first time. There were five invited lectures, which covered new formulations of DFT, improvements in the accuracy of energy density functionals, and extensions of DFT to superfluid nuclei. In addition, seminars from related fields were given on high-precision approaches based on wave-function theories and methods that incorporate many-body correlations. In the contributed oral and poster sessions, students and early-career researchers actively discussed a wide range of applications of DFT to various physical phenomena.
6-1. Numbers of participants from outside Japan	14
6-2. Numbers of male participants	50
6-3. Numbers of female participants	5
7. URL of the webpage	https://indico.rcnp.osaka-u.ac.jp/event/2718/overview