

Second Workshop on Fundamentals in Density Functional Theory

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Second Workshop on Fundamentals in Density Functional Theory (DFT2024)

Integrated Innovation Building (IIB), RIKEN Kobe Campus, Kobe, JAPAN



First DFT Workshop (DFT2022)

- Held at Yukawa Institute, Kyoto U. (2022-12-07–2022-12-20)
- 13 invited seminars (both from cond. matt. and nucl. phys.)
- 16 contributed talks (both from cond. matt. and nucl. phys.)
- (I believe) it was succeeded,
for instance, interdisciplinary discussion occurred

→ We decided to continue the series of this workshop every (fiscal) year

Invited Seminars in This DFT Workshop (DFT2024)

Kouichi Hagino Orbital-free DFT in **nuclear physics**

← One outcome of DFT2022!!

Yukimi Goto **Mathematical** aspect

Taisuke Ozaki Absolute binding energies in **cond. matt.**

Hitoshi Nakada Minimal composition of Kohn-Sham theory
(**fundamental aspect**)

Takeru Yokota **Classical liquids**

Terumasa Tadano Anharmonic phonon theory in **cond. matt. phys.**

Invited seminars are, again, interdisciplinary

→ Any questions and discussions are highly welcome!

Announcements

- For onsite participants, please **use microphone for discussion**; otherwise the discussion cannot be broadcast
- For online participants, please **mute your microphone** besides you ask a question
- **Questions are highly welcome** during all the seminars
- **Contributed talk**: 10 min. talk & 5 min. discussion
- **Photo session**: Wednesday (after Workshop session 1)
- When you enter IIB building, please show your name tag