

**[RIBF ULIC MiniWS037]
[Rearranged schedule]
Combining Nuclear Theory
and Machine Learning for
fundamental studies and
applications**

Report of Contributions

Contribution ID: 2

Type: **not specified**

opening

Tuesday, November 29, 2022 1:20 PM (10 minutes)

Presenter: KIMURA, Masaaki (RIKEN Nishina Center)

Contribution ID: 3

Type: **not specified**

Shell model + ML (temporary)

Tuesday, November 29, 2022 1:30 PM (1 hour)

Presenter: SHIMIZU, Noritaka (Center for Nuclear Study, University of Tokyo)

Contribution ID: 5

Type: **not specified**

Uncertainty evaluation of GDR peak energy and new parameter set

Tuesday, November 29, 2022 2:30 PM (50 minutes)

Presenter: INAKURA, Tsunenori (Tokyo Tech)

Contribution ID: 6

Type: **not specified**

Nuclear mass predictions with machine learning reaching the accuracy required by r-process studies

Tuesday, November 29, 2022 3:40 PM (1 hour)

Presenter: Dr LIANG, Haozhao (The University of Tokyo)

Contribution ID: 7

Type: **not specified**

Assessing transfer entropy from biochemical data

Wednesday, November 30, 2022 10:00 AM (1h 10m)

Presenter: Prof. KABASHIMA, Yoshiyuki

Contribution ID: 8

Type: **not specified**

Machine learning assisted density functional theory for electronic systems

Wednesday, November 30, 2022 11:10 AM (50 minutes)

Presenter: AKASHI, Ryosuke

Contribution ID: 9

Type: **not specified**

Uncertainty evaluation of neutron cross section using T6

Wednesday, November 30, 2022 1:00 PM (40 minutes)

Presenter: INAKURA, Tsunenori (Tokyo Tech)

Contribution ID: **10**

Type: **not specified**

ML for Fission products

Wednesday, November 30, 2022 1:40 PM (50 minutes)

Presenter: MINATO, Futoshi (Japan Atomic Energy Agency)

Contribution ID: 11

Type: **not specified**

Learning from what we had disposed and an accelerator to “Machine Learning + nuclear physics”

Wednesday, November 30, 2022 2:30 PM (50 minutes)

Presenter: YOSHIDA, Sota (The university of Tokyo)