



2nd International Workshop on Forward Physics and

Forward Calorimeter Upgrade in ALICE

- **Date: March 13-15, 2023**
- **Place: Dai-ichi Area, 1D201, U. Tsukuba, Tsukuba, Japan**
- **<https://indico.cern.ch/event/1235107/>**

• Topics:

- Forward physics at high energy in pp, p-A, AA, e-p, e-A collisions
- Initial condition of high energy heavy ion collisions at LHC and RHIC
- Thermalization mechanism, strong fields
- Small-x physics, gluon PDF, saturation and Color Glass Condensate (CGC)
- Forward detector upgrade using Si-W calorimeter and hadron calorimeter at LHC, related detector technologies and upgrade project in other fields

• Invited speakers:

Ian Gardner Bearden (U. Copenhagen)
Christophe De La Taille (OMEGA)
Hirotugu Fujii (U. Tokyo)
Takahiro Fusayasu (Saga U.)
Yuji Goto (RIKEN)
Tetsufumi Hirano (Sophia U.)
Kensuke Homma (Hiroshima U.)
Motoi Inaba (Tsukuba U. of Technology)
Tommaso Isidori (U. of Kansas)
Peter Martin Jacobs (Lawrence Berkeley National Lab)
Minho Kim (RIKEN)
Youngil Kwon (Yonsei U.)
Artur Lobanov (Hamburg U.)
Hiroaki Menjo (Nagoya U.)
Sanjib Muhuri (Department of Atomic Energy)
Takafumi Niida (U. Tsukuba)
Yasunori Osana (U. Ryukyus)
Hidetoshi Otono (Kyushu U.)
Ken Oyama (Nagasaki Inst. of Applied Science)
Thomas Peitzmann (Utrecht U., U. Tsukuba)
Dieter Roehrich (U. Bergen)
Taikan Suehara (Kyushu U.)
Daniel Tapia Takaki (U. Kansas)
Ton Van Den Brink (Nikhef)
Marco Van Leeuwen (Nikhef, CERN, U. Tsukuba)
Kazuhiro Watanabe (Seikei U.)

Local Organizing Committee:

Tatsuya Chujo (U. Tsukuba, chair)
Shinichi Esumi (U. Tsukuba)
Abderrahmane Ghimouz (U. Tsukuba)
Motoi Inaba (Tsukuba U. Tech.)
Yasuo Miake (U. Tsukuba)
Shingo Sakai (U. Tsukuba)

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