



ALICE

International Workshop on Forward Physics and Forward Calorimeter Upgrade in ALICE

- **Date: March 7-9, 2019**
- **Place: Center for Computational Sciences, U. Tsukuba, Tsukuba, Japan**
- **<https://indico.cern.ch/event/783989/>**

• Topics:

- Forward physics at high energy pp, p-A and AA 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:

Federico Antinori (INFN, Sezione di Padova and CERN)
Marco Bregant (Universidade de Sao Paulo)
Kenji Fukushima (The University of Tokyo)
Yuji Goto (RIKEN Nishina Center)
Taku Gunji (University of Tokyo)
Takashi Hachiya (Nara Women's University)
Tetsufumi Hirano (Sophia Univ)
Kazunori Itakura (KEK Theory Center)
Constantinos Loizides (ORNL)
Hiroaki Menjo (Nagoya University)
Itaru Nakagawa (RIKEN)
Ken Oyama (Nagasaki Inst. of Applied Science)
Thomas Peitzmann (Nikhef/Utrecht University)
Dieter Roehrich (University of Bergen)
Taikan Suehara (Kyushu University)
Michal Sumbera (Nuclear Physics Institute ASCR)
Marco Van Leeuwen (Nikhef National institute for subatomic physics)
Nodoka Yamanaka (IPN Orsay)
Yuji Yamazaki (Kobe University)

Local Organizing Committee:
Tatsuya Chujo (U. Tsukuba, chair)
Motoi Inaba (Tsukuba Tech.)
Yasuo Miake (U. Tsukuba)
Norbert Novitzky (U. Tsukuba)
Toru Sugitate (Hiroshima U.)

Supported by:

Research unit invitation program (CiC) between Utrecht University and University of Tsukuba

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