

QGP International Research Center Kick-off Symposium

Report of Contributions

Contribution ID: **11**

Type: **not specified**

Opening address and photo session

Tuesday, November 25, 2025 9:00 AM (15 minutes)

Presenter: NAGATA, Kyosuke (President, University of Tsukuba)

Contribution ID: **12**

Type: **not specified**

Closing

Tuesday, November 25, 2025 6:10 PM (5 minutes)

Presenter: CHUJO, Tatsuya (University of Tsukuba (JP))

Contribution ID: 13

Type: **not specified**

QGP International Research Center

Tuesday, November 25, 2025 9:25 AM (15 minutes)

Presenter: CHUJO, Tatsuya (University of Tsukuba (JP))

Session Classification: Session I

Contribution ID: 14

Type: **not specified**

Exploring the Quark-gluon plasma at the LHC with ALICE

Tuesday, November 25, 2025 9:40 AM (40 minutes)

Presenter: VAN LEEUWEN, Marco (Nikhef National institute for subatomic physics (NL))

Session Classification: Session I

Contribution ID: 15

Type: **not specified**

ALICE FoCal upgrade project

Tuesday, November 25, 2025 10:20 AM (20 minutes)

Presenter: Prof. INABA, Motoi (University of Tsukuba (JP))

Session Classification: Session I

Contribution ID: 16

Type: **not specified**

Exploring the Quark–Gluon Plasma with Hard Probes

Tuesday, November 25, 2025 10:40 AM (20 minutes)

Presenter: SAKAI, Shingo (University of Tsukuba (JP))

Session Classification: Session I

Contribution ID: 17

Type: **not specified**

QGP and dynamics of high-energy nuclear collisions

Tuesday, November 25, 2025 11:20 AM (30 minutes)

Presenter: HIRANO, Tetsufumi

Session Classification: Session II

Contribution ID: **18**

Type: **not specified**

Tensor renormalization group approach to cold and dense QCD

Tuesday, November 25, 2025 11:50 AM (20 minutes)

Presenter: KURAMASHI, Yoshinobu (University of Tsukuba)

Session Classification: Session II

Contribution ID: **19**

Type: **not specified**

Heavy-Ion Physics at High Baryon Density

Tuesday, November 25, 2025 12:10 PM (20 minutes)

Presenters: NIIDA, Takafumi; Dr NIIDA, Takafumi (University of Tsukuba)

Session Classification: Session II

Contribution ID: 20

Type: **not specified**

PHENIX and sPHENIX overview

Tuesday, November 25, 2025 12:30 PM (20 minutes)

Presenters: HACHIYA, Takashi; HACHIYA, Takashi (Nara Women's University (JP))

Session Classification: Session II

Contribution ID: 21

Type: **not specified**

Advanced Cancer Treatment Using Particle Beams - The Latest Developments in Proton Therapy and BNCT at the University of Tsukuba -

Tuesday, November 25, 2025 1:50 PM (30 minutes)

Presenter: KUMADA, Hiroaki (University of Tsukuba)

Session Classification: Session III

Contribution ID: 22

Type: **not specified**

Radiation Transport Simulation for Radio-biology: Current and Prospective Challenges with Geant4-DNA

Tuesday, November 25, 2025 2:20 PM (20 minutes)

Presenter: SAKATA, Dousatsu (AIST)

Session Classification: Session III

Contribution ID: 23

Type: **not specified**

Quantum and Information Life Science

Tuesday, November 25, 2025 2:40 PM (30 minutes)

Presenter: SHIGETA, Yasuteru (University of Tsukuba)

Session Classification: Session III

Contribution ID: 24

Type: **not specified**

ALICE3 project overview

Tuesday, November 25, 2025 3:30 PM (20 minutes)

Presenter: YAMAGUCHI, Yorito (Hiroshima University (JP))

Session Classification: Session IV

Contribution ID: 25

Type: **not specified**

Silicon detector R&D at KEK ITDC

Tuesday, November 25, 2025 3:50 PM (20 minutes)

Presenters: OKAZAKI, Yuta; OKAZAKI, Yuta (KEK High Energy Accelerator Research Organization (JP)); OKAZAKI, Yuta (High Energy Accelerator Research Organization)

Session Classification: Session IV

Contribution ID: 26

Type: **not specified**

Radiation tolerance and particle detectors of Gallium Nitride

Tuesday, November 25, 2025 4:10 PM (20 minutes)

Presenter: OKUMURA, Hironori (University of Tsukuba)

Session Classification: Session IV

Contribution ID: 27

Type: **not specified**

Material characterization by positron annihilation

Tuesday, November 25, 2025 4:30 PM (20 minutes)

Presenter: UEDONO, Akira (University of Tsukuba)

Session Classification: Session IV

Contribution ID: 28

Type: **not specified**

Electron-Ion Collider and related activities

Tuesday, November 25, 2025 5:10 PM (20 minutes)

Presenter: GUNJI, Taku (University of Tokyo (JP), QNSI/CNS)

Session Classification: Session V

Contribution ID: 29

Type: **not specified**

Nuclear physics at RIBF

Tuesday, November 25, 2025 5:30 PM (20 minutes)

Presenter: MORIGUCHI, Tetsuaki (University of Tsukuba)

Session Classification: Session V

Contribution ID: **30**

Type: **not specified**

NA60+/DiCE (remote)

Tuesday, November 25, 2025 5:50 PM (20 minutes)

Presenter: SEKIHATA, Daiki (University of Tsukuba (JP))

Session Classification: Session V

Contribution ID: **31**

Type: **not specified**

Networking reception with light dinner and drinks

Tuesday, November 25, 2025 6:30 PM (2 hours)