

# **9th International Geant4 Tutorial in Korea 2022**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **A personal perspective on past silicon detector R&D efforts in Korea**

**Presenter:**  ○|,  직

Contribution ID: 2

Type: **not specified**

## **A personal perspective on past silicon detector R&D efforts in Korea**

**Primary author:** ○], 족

**Presenter:** ○], 족

**Session Classification:** Session

Contribution ID: 3

Type: **not specified**

## **Silicon Strip Detector: From Construction to Operation of the Belle II SVD**

**Presenter:** 강, 국현

**Session Classification:** Session

Contribution ID: 4

Type: **not specified**

## 초고속타이밍검출기 **LGAD** 개발

**Presenter:** 유, 재혁

**Session Classification:** Session

Contribution ID: 5

Type: **not specified**

## **ALICE** 실리콘검출기개발을통한한국실리콘검출기 **R&D** 역량과전망

**Presenter:** 권, 민정

**Session Classification:** Session

Contribution ID: 6

Type: **not specified**

## **Development and Performance of AstroPix for the ePIC BIC Detector**

**Presenter:** 임, 성훈

**Session Classification:** Session

Contribution ID: 7

Type: **not specified**

## **Silicon Sensor R&D Foundry at IBS**

**Presenter:** ०], 혜영

**Session Classification:** Session

Contribution ID: **8**

Type: **not specified**

## **Silicon Detector for Nuclear physics**

**Presenter:** 안, 성훈

**Session Classification:** Session

Contribution ID: 9

Type: **not specified**

## **Status of ASGARD for gamma-ray spectroscopy experiments at RAON**

**Presenter:** 문, 별

**Session Classification:** Session

Contribution ID: **10**

Type: **not specified**

## **Magnetic microcalorimeters for astroparticle physics application**

**Presenter:** 김, 용합

**Session Classification:** Session

Contribution ID: **11**

Type: **not specified**

## Flash ADC Data AcQuisition

**Presenter:** 김, 상열

**Session Classification:** Session

Contribution ID: 12

Type: not specified

## 입자검출기에서 **FPGA** 기술

**Presenter:** 김, 재박

**Session Classification:** Session

Contribution ID: 13

Type: **not specified**

## **Status and Prospect of Water Cherenkov Detectors**

**Presenter:** 유, 인태

**Session Classification:** Session

Contribution ID: 14

Type: not specified

## Water Cherenkov 검출기개발

**Presenter:** 양, 병수

**Session Classification:** Session

Contribution ID: 15

Type: **not specified**

## Scintillator detectors in high energy physics

**Presenter:** 김, 흥주

**Session Classification:** Session

Contribution ID: **16**

Type: **not specified**

## **Development of low-background inorganic scintillators for rare event searches**

**Presenter:** 이, 현수

**Session Classification:** Session

Contribution ID: 17

Type: **not specified**

## Liquid Scintillator Detectors in Korea

**Presenter:** Ⓜ, 재승

**Session Classification:** Session

Contribution ID: **18**

Type: **not specified**

## **Dual-Readout Calorimetry**

**Presenter:**  ○], 서우

**Session Classification:** Session

Contribution ID: 19

Type: **not specified**

## **Current status of LAMPS Neutron Detector Array (NDA)**

**Presenter:** 이, 희상

**Session Classification:** Session

Contribution ID: **20**

Type: **not specified**

## **R&Ds for a position-sensitive scintillation detector**

**Presenter:** 하, 장현

**Session Classification:** Session

Contribution ID: 21

Type: not specified

## DUNE 검출기와진행상황

**Presenter:** 김, 시연

**Session Classification:** Session

Contribution ID: 22

Type: **not specified**

## **New RPC research for future high-energy physics experiments through the DRD1 collaboration**

**Presenter:** 이경세

**Session Classification:** Session

Contribution ID: 23

Type: **not specified**

## Time Projection Chamber Development in Korea

**Presenter:** 김, 신형

**Session Classification:** Session

Contribution ID: 24

Type: **not specified**

## **TPC for LAMPS Detector System at RAON**

**Presenter:** 김, 영진

**Session Classification:** Session

Contribution ID: 25

Type: **not specified**

## **Development of active target TPC at CENS**

**Presenter:** 차, 수미

**Session Classification:** Session

Contribution ID: 26

Type: **not specified**

## **Micro Pattern Gaseus Detector: GEM and microRWELL**

**Presenter:** 윤, 인석

**Session Classification:** Session

Contribution ID: 27

Type: **not specified**

## **GEM Detectors for the CMS Experiment at the LHC**

**Presenter:** WATSON, Ian

**Session Classification:** Session

Contribution ID: **28**

Type: **not specified**

## **Simulation in Rare Event Search Experiment**

**Presenter:** 전, 은주

**Session Classification:** Session

Contribution ID: 29

Type: **not specified**

## **Detection of Gamma Ray Bursts in Space**

**Presenter:** 박, 일홍

**Session Classification:** Session

Contribution ID: **30**

Type: **not specified**

## **Space Radiation Instrument** 연구개발현황

**Presenter:** 남, 옥원

**Session Classification:** Session

Contribution ID: 31

Type: **not specified**

## Axion Haloscopes

**Presenter:** 윤, 성우

**Session Classification:** Session

Contribution ID: 32

Type: **not specified**

## **Kinetic Inductance Detector for GroundBIRD telescope**

**Presenter:** 원, 은일

**Session Classification:** Session

Contribution ID: 33

Type: **not specified**

## **High Energy Cosmic Ray Experiment Instruments: CREAM and ISSCREAM**

**Presenter:**  이, 무현

**Session Classification:** Session

Contribution ID: 34

Type: **not specified**

## **Introduction and Geant4 kernel I**

**Presenter:** Dr ASAI, Makoto (JLAB)

Contribution ID: 35

Type: **not specified**

## **PAL Tour**

Contribution ID: **36**

Type: **not specified**

## **Korean Geant4 Collaboration Meeting (internal)**

Contribution ID: 37

Type: **not specified**

## Welcome Address

*Monday, 5 December 2022 10:00 (10 minutes)*

**Presenter:** LEE, Sik

Contribution ID: **38**

Type: **not specified**

## **Free Discussion**

Contribution ID: 39

Type: **not specified**

## **Korean Geant4 Collaboration Meeting (internal)**

*Friday, 9 December 2022 09:30 (3 hours)*