

Session Program

31 October 2022 to 4 November 2022

Workshop for Korea-UK AI/ML Research in Fundamental Sciences

Session 7

Sejong University, South Korea

Conference Room 1/2, 12th floor AI Center, Sejong University (10/31st, Mon. - 11/2nd, Wed.)

Conference Room 1/2, Basement 1st Level, Gwang-Gae-To-Gwan, Sejong University (11/3rd, Thur. -
11/4th, Fri.)

Thursday 3 November

14:00

Session 7: Session 7

Session | **Location:** Gwang-Gae-To-Gwan, B1

14:00–14:30

Demystifying Gravitational Waves: A Sweet of App utilities

Speaker

Maryam Aghaei Abchouyeh

14:30–15:15

Precision physics with Antihydrogen - and how Machine Learning help

Speaker

Niels Madsen

15:15–15:45

A data-driven method for classifying gamma-rays and cosmic rays with the HAWC observatory

Speaker

Baek Sun Cho

15:45–15:50

break

15:50–16:20

ITS2 alignment : AI approach

Speaker

Jaehyun Kim

16:20–16:50

Deep Learning for Low-Latency Detection of Unmodelled Gravitational-Wave Transients

Speaker

Michael Norman

17:00