

# A E P S H E P <sup>2022</sup>

Asia-Europe-Pacific School of HEP

**05-18**

**OCTOBER 2022**

**PYEONGCHANG**

**SOUTH KOREA**



## Scientific Programme

**Statistical Techniques**  
Nicolas Berger (LAPP)

**Prospects at LHC in Run-3 & HL-LHC**  
Sarah Demers (Yale)

**Q & A Session**  
Fabiola Gianotti (CERN)

**Field Theory & the E-W Standard Model**  
Rohini Godbole (IISc, Bangalore)

**Instrumentation**  
Ingrid-Maria Gregor (DESY)

**Flavour Physics & CP Violation**  
Xiao-Gang He (SJTU/NTU)

**Super Kamiokande**  
Takaaki Kajita (U. Tokyo)

**Neutrino Physics**  
Sin Kyu Kang (Seoul Tech.)

**HEP Outlook**  
Young-Kee Kim (U. Chicago)

**Higgs Physics & BSM**  
Ryuichiro Kitano (KEK)

**Heavy-Ion Physics**  
Yen-Jie Lee (MIT)

**Cosmology (incl. Dark Matter)**  
Hitoshi Murayama (IPMU)

## QCD

Vajravelu Ravindran (IMSc, Chennai)

## Gravitational Waves

Jo van den Brand (Nikhef)

## Hadron Spectroscopy

Alexei Zhemchugov (JINR)

## Discussion Leaders

Faisal Akram (Punjab U.) | Yu Seon Jeong (Chung-Ang U.) | Suchita Kulkarni (U. Graz) | Jia Liu (PKU) | Hua-Sheng Shao (LPTHE) | Takahiro Terada (IBS)

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