

Session Program

12-26 May 2019



5th Summer School on INtelligent signal processing for FrontIer Research and Industry

EVENING KEYNOTE

Huazhong University of Science and Technology in Wuhan, China

Monday 13 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

18:30-20:30

SCIENTIFIC & TECHNOLOGICAL CHALLENGES OF SOLAR SYSTEM EXPLORATION OVER THE NEXT 30 YEARS

Speakers

Prof. Linli GUO, Prof. Michel BLANC

20:30

Tuesday 14 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

20:00

18:30-20:00

THE NEW WAYS TO EXPLORE THE BRAIN FUNCTIONING

Speaker

Dr Alba DI PARDO

Wednesday 15 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

18:30–20:00

IMPACT OF THE INNOVATIONS IN SEMICONDUCTOR ADVANCED TECHNOLOGY ON THE TRACKING CONCEPTS IN FUNDAMENTAL RESEARCH

Speaker

Prof. Philip Patrick ALLPORT

20:00

Thursday 16 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

18:30–20:30

DUNE, JUNO, SUPER/HYPERKAMIOKANDE; THE LAST WORD ON NEUTRINOS?

Speakers

Prof. Albert DE ROECK, Prof. Wei WANG, Prof. Yusuke KOSHIO

20:30

Friday 17 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

20:30

18:30-20:00

FROM LARGE TERRESTRIAL TELESCOPES TO SPACE INSTRUMENTS

Speaker

Dr Jean Gabriel CUBY

Saturday 18 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China

18:30–20:30

HIGH FIELD MAGNETS FROM FUNDAMENTAL RESEARCH TO MEDICAL APPLICATIONS

Speakers

Dr Pierre VEDRINE, Dr Toru OGITSU

20:30

Monday 20 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China | **Convener:**
Prof. Nicola D'ASCENZO

20:00

18:30-20:00

ARTIFICIAL INTELLIGENCE IN MEDICAL IMAGING -- PEARL AND PITFALL

Speaker

Prof. Zhen LI

Thursday 23 May

18:30

EVENING KEYNOTE: A VISION on THE MAIN DIRECTIONS IN HIGH ENERGY PHYSICS in the NEXT DECADESA VISION ON THE MAIN DIRECTIONS IN HIGH ENERGY PHYSICS IN THE NEXT DECADES

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China | **Convener:** Prof. Aurore SAVOY NAVARRO

18:30–20:30

THE FUTURE MACHINES IN PROJECT FOR CONFRONTING THE FUTURE OF PARTICLE PHYSICS

Speakers

Prof. Aidan ROBSON, Prof. Hitoshi HAYANO, Prof. Joao GUIMARAES DA COSTA, Prof. Michelangelo MANGANO

Subcontributions

Circular Electron Positron Collider: Probing the Higgs scale with a new Electron Collider in China

Speaker

Prof. Joao Barreiro Guimaraes Da Costa

Physics at the FCC (Future Circular Collider)

Speaker

Dr Michelangelo Mangano

ILC (International Linear Collider) Accelerator Introduction

Speaker

Prof. Hitoshi Hayano

CLIC: the Compact Linear Collider

Speaker

Prof. Aidan Robson

21:30

Friday 24 May

18:30

EVENING KEYNOTE

Session | **Location:** Huazhong University of Science and Technology in Wuhan, China | **Convener:**
Prof. Nicola D'ASCENZO

20:30

18:30-20:30

INNOVATION AND OPPORTUNITIS IN HANG ZHOU, CHINA

Speaker

Mr Xintong ZHAO