

Session Program

27-28 May 2021

Where the Earth Meets the Sky

Afternoon 1

online, Zoom Webinar

Thursday 27 May

14:00

Afternoon 1: first half

Session

14:00–14:40

The role of domain knowledge experts in the era of big data

Speaker

Emille ISHIDA

14:40–15:00

Training an interpretable ML algorithm with only a dab of real data: An extragalactic perspective

Speaker

Aritra GHOSH

15:00–15:20

PyAutoFit: A Classy Probabilistic Programming Language For Cosmology and Cancer

Speaker

James NIGHTINGALE

15:20

15:45

Afternoon 1: second half

Session

15:45–16:25

Modelling spatial phenomena: a brief tour of the current state of the art

Speaker

Samir BHATT

16:25–16:45

AstroPath: Astronomy Meets Pathology to Characterize the Tumor MicroEnvironment

Speaker

Alexander SZALAY

16:45–17:05

Correcting for Systematics in Multiplex Cancer Imaging in the AstroPath Project

Speaker

Margaret EMINIZER

17:05