Session Program

15 November 2019

ScotDIST annual research conference 2019

Talks

8 University Gardens, U of Glasgow, 101
University of Glasgow University Place GLASGOW G12 8QQ

Friday 15 November

11:00

Talks: Student presentations
Session |
Location: 8 University Gardens, U of Glasgow, 101, University of Glasgow University Place GLASGOW G12 8QQ

11:00–11:10 **Earth Object Detection on-board CubeSats Using Deep Learning**

Speaker
John Armstrong

11:10–11:20 **Doubly charmed baryon searches at LHCb**

Speakers
Dana Bobulska, Dana Seman Bobulska

11:20–11:30 **Constraining Astronomy with Nuclear Physics and vice versa**

Speaker
Samuel Lloyd

11:30–11:40 **The highs and lows of an industry placement**

Speaker
Teri Love

11:40–11:50 **Gamma-Ray Burst Jet Structure Modelling**

Speaker
Fergus John Hayes

11:50–12:00 **GW propagation through the clumpy universe**

Speaker
Marios Kalomenopoulos

12:00

13:30

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13:30–13:40 **Craft prospect placement**

Speaker
Gennaro Di Pietro

13:40–13:50 **Using MCMC techniques in a scattering amplitude analysis**

Speaker
Robert Wishart

13:50–14:00 **(Machine) learning the structure of BSM matrix element corrections**

Speaker
Abhijeet Gangan

14:00–14:10 **Placement: Spotting Bad Kegs on a Production Line**

Speaker
Adam Thornton

14:10–14:20

Hyper-fast gravitational wave parameter estimation using machine learning

Speaker
Hunter Gabbard

14:20–14:30   **Improving B meson form factor calculations in lattice QCD**

Speaker
Esther Pertinez

14:30

15:00

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15:00–15:10   **LIGO fellowship experience**

Speaker
Laurence Datrier

15:10–15:20   **Information production in homogeneous isotropic turbulence**

Speaker
Daniel Clark

15:20–15:30   **Combining collider analysis data for global BSM bounds-setting**

Speakers
Stephen Brown, Stephen Brown, Stephen Brown

15:30

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