

Session Program

1 August 2018

ScotDIST annual research conference 2018

Studentship presentations

School of Physics & Astronomy, Kelvin Building, U of Glasgow, LT312
Kelvin Building University of Glasgow University Place GLASGOW G12 8QQ

Wednesday 1 August

11:00

Studentship presentations: Studentship presentations

Session |

Location: School of Physics & Astronomy, Kelvin Building, U of Glasgow, LT312, Kelvin Building University of Glasgow University Place GLASGOW G12 8QQ

11:00-11:12

Globular Clusters and Dwarf Galaxies

Speaker

David Behrendt

11:12-11:24

Search for doubly charmed baryon Ξ_{cc}^{++} in LHCb

Speaker

Dana Bobulska

11:24-11:36

Solar Flare Signatures

Speaker

Teri Love

11:36-11:48

Measures of Chaos in Homogeneous Isotopic Turbulence

Speaker

Daniel Clark

11:48-12:00

Optimal strategies for detecting and classifying kilonovae as the EM counterpart of gravitational wave transient sources

Speaker

Laurence Datrier

12:00

13:30

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13:30-13:42

High Level Trigger Monitoring for the LHCb Experiment

Speaker

Stefano Petrucci

13:42-13:54

Learning to correct for atmospheric seeing in solar flare observations

Speaker

John Armstrong

13:54-14:06

Bayesian approaches to modelling microlensing events

Speaker

Fran Bartolic

14:06-14:18

Generative Adversarial Networks for LIGO Parameter Estimation

Speaker

Hunter Gabbard

14:30

14:18–14:30 Data Analysis in Hadron Physics

Speaker

Adam Thornton

15:30

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15:30–15:42

Investigating the Distribution of Magnetic Features on the Solar Photosphere

Speaker

Callan Noble

15:42–15:54

Constraining New Physics Using Top Quark Effective Field Theory

Speaker

Stephen Brown

15:54–16:06

Taranis: GPU-Accelerated Radiation Hydrodynamics Simulations

Speaker

Gennaro Di Pietro

16:06–16:18

Applying machine learning to the LSST event stream

Speaker

Amanda Ibsen

16:18