

Start	Duration/m	End	Who	Institution	Title
10:30	5	10:35	Open		
10:35	10	10:45	Ashley	Spindler	Unsupervised Classification for Galaxy Morphology. Where do computers go wrong?
10:45	10	10:55	Clár-Bríd	Tohill	Measuring the structure of high-redshift galaxies with deep learning
10:55	10	11:05	Mike	Walmsley	Galaxy Zoo DECaLS: Detailed Visual Morphology Measurements from Volunteers and Deep Learning
11:05	10	11:15	Xinyue	Sheng	Developing Rapid Classification Algorithms for Identifying Quasars in Time-series Data
11:15	10	11:25	Davide	Gerosa	Detectability of gravitational-wave signals with neural-network classifiers
11:25	20	11:45	Break		
11:45	10	11:55	Lynge	Lauritsen	Super-resolving Herschel SPIRE images using Convolutional Neural Networks
11:55	10	12:05	Peter	Hurley	HELPIng Solve Confusion through probabilistic programming
12:05	10	12:15	Vasileios	Skliris	Detecting the Unmodelled GW Signals with Machine Learning
12:15	10	12:25	Joshua	Wilde	Do Neural Networks Dream of Gravitational Lenses: Using CNN to Identify Gravitational Lenses & How
12:25	10	12:35	Thomas	Chen	Using Deep Neural Networks to Locate Mini-Filament Eruptions
12:35	60	13:35	Lunch		
13:35	10	13:45	John	Armstrong	Learning the Flaring Atmosphere of the Sun
13:45	10	13:55	Amanda	Ibsen	Early classification of supernovae light curves
13:55	10	14:05	Thomas	Killestein	Transient-optimised source classification in difference imaging with Bayesian convolutional neural net
14:05	10	14:15	Ingo	Waldmann	Deep learning in Exoplanet Characterisation
14:15	10	14:25	Edward	Elliott	Emulation of semi-analytic models of galaxy formation
14:25	20	14:45	Break		
14:45	10	14:55	Alan	Heavens	The Universe is a mess: how should we analyse it?
14:55	10	15:05	Michele	Bianco	Deep Learning Approach Identification of HII regions during Reionization in 21-cm Observations
15:05	10	15:15	Paula	Soares	Gaussian Process Regression: An Application in Radio Cosmology
15:15	10	15:25	Pablo	Lemos	Rediscovering Newton's gravity and Solar System properties using deep learning and inductive biases
15:25	5	15:30	Wrap up		