



# Paris workshop on Bayesian Deep Learning for Cosmology and Time Domain Astrophysics

## mardi 21 juin 2022

### Lightning talks: lightning talks session 1 - Buffon Amphitheater (10:35 - 10:45)

time	[id] title	presenter
10:35	[121] Bayesian planetary numerical ephemerides B-INPOP with MCMC	MARIANI, Vincenzo
10:37	[128] Inferring Cosmological parameters using Normalizing Flows and Gravitational Waves (CosmoFlow)	STACHURSKI, Federico
10:39	[131] Search for ultra-fast radio bursts	LACKEOS, Kristen
10:41	[132] Deep Learning Techniques for Time Series Analysis in the context of Gravitational Waves Detection	BASCEANU, Vlad-Andrei

### Lightning talks: lightning talks session 2 - Buffon Amphitheater (11:15 - 11:25)

time	[id] title	presenter
11:15	[123] There's no difference: Convolutional Neural Networks for transient detection without template subtraction	ACERO CUELLAR, Tatiana
11:16	[75] SNAD miner: Finding Missed Transient Events in ZTF DR4	MALANCHEV, Konstantin

# mercredi 22 juin 2022

## Lightning talks: lightning talks session 3 - Buffon Amphitheater (11:10 - 11:20)

time	[id] title	presenter
11:10	[84] Background Estimation in Fermi Gamma-ray Burst Monitor lightcurves through a Neural Network	Dr CRUPI, Riccardo
11:12	[122] A Bayesian Convolutional Neural Network for Robust Galaxy Ellipticity Regression	THEOBALD, Claire
11:14	[124] Improvement of the statistical model of a photoz bayesian estimator hybridizing a SED template fitting and a gaussian process	CHEVALIER, Joseph
11:16	[127] Applying Likelihood-Free Inference to LISA parameter estimation: a project	MARTIN VILCHEZ, Ivan
11:18	[86] Complete inference for binary-black hole gravitational wave data analysis	KOLMUS, Alex