



# Continuous gravitational waves and neutron stars

## Wednesday, 19 June 2024

### Search methods CW: 1 (09:00 - 10:15)

time	[id] title	presenter
09:00	[21] A new analytical limit of the Bayes Factor for continuous gravitational waves	PRIX, Reinhard
09:25	[6] Bayesian F-Statistic based parameter estimation of continuous gravitational waves from known pulsars	COVAS VIDAL, Pep
09:50	[34] Detecting a long-duration transient signal	FESIK, Liudmila

### Search methods CW: 2 (10:45 - 11:35)

time	[id] title	presenter
10:45	[23] A semi-coherent method for detecting continuous gravitational waves from binary inspirals of dark compact objects	ANDRÉS-CARCASONA, Marc
11:10	[24] Searching for Mini Extreme Mass Ratio Inspirals with Gravitational-Wave Detectors	GUO, Huaik

# Thursday, 20 June 2024

**Search methods CW: 3 (09:00 - 09:50)**

time	[id] title	presenter
09:00	[12] BinaryWeave: A New Semicohherent Pipeline for Detecting a CW Signal from Scorpius X-1	MUKHERJEE, Arunava
09:25	[14] HierarchMC: A Bayesian Framework for Hierarchical All-Sky Searches for Continuous Gravitational Waves	MARTINS, Jasper

**Search methods CW: 4 (12:10 - 13:25)**

time	[id] title	presenter
12:10	[19] A novel neural-network architecture for continuous-wave all-sky searches	JOSHI, Prasanna
12:35	[22] Convolutional neural network for directed searches of continuous gravitational waves	YAMAMOTO, Takahiro S
13:00	[26] Detection of unmodeled continuous gravitational waves using a Transfer Learning approach	DOMINGUEZ, Diego