

Session Program

27-28 May 2021

Where the Earth Meets the Sky

Morning 1

online, Zoom Webinar

Thursday 27 May

09:30

Morning 1: first half Session

09:30–10:10

When the brain meets the sky: Compressed Sensing for Magnetic Resonance Imaging & Radio-Astronomy

Speakers

Jean-Luc STARK, Philippe CIUCIU

10:10–10:30

Time Series Classification: From Astronomical Transients to Human Heart Sounds

Speaker

Motahare TORKI

10:30–10:50

Deep learning framework for clinical diagnosis - a healthcare system

Speaker

Sandeep Singh SENGAR

10:50

11:15

Morning 1: second half Session

11:15–11:35

Supervised classification of variable stars from the NASA TESS survey with features originating from the biomedical domain

Speaker

Jeroen AUDENAERT

11:35–11:55

Towards an interpretable and transferable acoustic emotion recognition for the detection of mental disorders

Speaker

Sneha DAS

11:55–12:30

Hand-On Image Processing with PySAP

Speaker

Samuel FARRENS

12:30