

## **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