



MACHINE LEARNING FOR ASTROPHYSICS

CATANIA, 30 MAY - 1 JUNE, 2022

an **international conference** to explore the **possibilities** of

- Supervised & unsupervised learning
- Deep learning
- Active learning
- Image segmentation
- Object detection and classification
- Anomaly detection
- Time series analysis
- Data generation and augmentation
- Classification and regression
- Data mining
- Software, tools and services
- Computing infrastructures

in **theoretical** and **observational astrophysics**

INVITED SPEAKERS

Kai POLSTERER

Heidelberg Institute (Germany)

Concetto SPAMPINATO

Università di Catania (Italy)

Michelle LOCHNER

U. of Cape Town / SARAO (South Africa)

Massimo BRESCIA

Istituto Nazionale di Astrofisica (Italy)

Grazia UMANA

Istituto Nazionale di Astrofisica (Italy)

David CORNU

LERMA, O. de Paris, CNRS (France)

Marco ALDINUCCI

Università di Torino (Italy)



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MOSAICO



Scientific Organizing Committee

F. BUFANO · S. RIGGI · E. SCIACCA · U. BECCIANI
A. DE MARCO · G. VIZZARI · C. PINO

Local Organizing Committee

C. BORDIU · A. INGALLINERA · G. MICELI · T. PULVIRENTI · F. VITELLO
G. BELLASSAI · E. MARTINETTI