

# OASIS DAY

## SPRING EDITION

7 June 2022 • 09:00 – 16:00

Dipartimento di Informatica –  
Scienza e Ingegneria  
Università di Bologna

### PROGRAM

09:00 - *Opening*

09:30 - Ambra Catozzi: *Biomedical imaging classification via dynamically early stopped artificial neural network*

09:50 - Margherita Scipione: *Deep unfolding for tomographic image reconstruction*

10:10 – Alessandro Benfenati: *Regularization for DOT inverse problems: classical and deep learning techniques*

10:30 - Giorgia Franchini: *On the learning rate selection rules for stochastic gradient methods*

10:50 - *Coffee break*

11:20 - Elena Govi: *Meta-Learning Challenge: the IEEE WCCI 2022 Competition*

11:40 - Carmelo Scribano: *DCT Former : Efficient self-attention with Discrete Cosine Transform*

12:00 - Simone Rebegoldi: *A nested primal-dual FISTA-like scheme for composite convex optimization problems*

12:20 - *Lunch break*

14:00 - *Afternoon discussion*

15:50 - *Closing remarks*

