

Aula Gini

10:30-11:00 **Coffee Break**

10:30-11:00 **Coffee Break**

11:00-12:00 **SS1: AI and Computational Methods for Medical Informatics - Part I**

Chair: Francesco Branda

11:00-11:15 **Diagnosing Rejection Collapse via Uncertainty Decomposition**

Walter Endrizzi · Flavio Ragni · Stefano Bovo · Monica Moroni · Giuseppe Jurman · Venet Osmani

11:15-11:30 **ClinRAG-BiLSTM: An Agentic Cloud AI Framework for Explainable and Traceable Breast Cancer Decision Support**

Adaleta Gicic · Dženana Đonko

11:30-11:45 **Towards Federated and Explainable Quantum Machine Learning for Possible Epileptic Seizure Detection**

Francesco Mercaldo · Hubert Schölnast · Oliver Eigner · Marta Petyx · Antonella Santone · Mario Cesarelli · Fabio Martinelli · Paul Tavalato

11:45-12:00 **Predicting Alzheimer's Progression Over Time Using Sheaf Neural Networks and Brain Graphs**

Annamaria Defilippo · Giulia Avolio · Pierangelo Veltri · Pietro Liò · Pietro Hiram Guzzi

12:00-13:15 **SS1: AI and Computational Methods for Medical Informatics - Part II**

Chair: Francesco Branda

12:00-12:15 **Ontology-Aware Candidate Reranking for SNOMED CT Entity Linking in Clinical Notes**

Luka Blašković · Nikola Tanković · Ivo Ipšić

12:15-12:30 **Evaluating Locally-Deployable Large Language Models on Free-Text Data in an Italian Obstetric Context**

Pierluigi Reali · Giulio Steyde · Gianluca Carta · Mark James Carman · Maria Gabriella Signorini

12:30-12:45 **Decoding HIV-1 Antibody Escape with Interpretable Protein Language Models**

Fahsai Nakarin · Pawin Taechoyotin · Kayla G. Sprenger

12:45-13:00 **AutoEncoder based approach for the identification of genomic regions responsible for poorly described oligo-patient disorders**

Joanna Szyda

13:00-13:15 **Prediction of treatment response in Multiple Sclerosis with Machine Learning models**

Ariadna Masot-Llima · Francisco Aparicio-Serrano · Agustín Pappolla · Susana Otero-Romero · René Carvajal · Álvaro Cobo-Calvo · Manel Alberich · María Jesús Arévalo · Georgina Arrambide · Cristina Auger · Joaquín Castillo · Manuel Comabella · Ingrid Galán · Daniel Hernández · Carlos Nos · Jordi Río · Breogán Rodríguez-Acevedo · Jaume Sastre-Garriga · Ángela Vidal-Jordana · Ana Zabalza · Àlex Rovira · Xavier Montalbán · Mar Tintoré · Xavier Lladó · Deborah Pareto · Carmen Tur

13:15-14:15 **Lunch**

13:15-14:15 **Lunch**