

Il giorno 27 Settembre 2021 la Commissione Prova Finale, composta da

Elvira Di Nardo, Roberto Esposito e Silvia Montagna

si è riunita telematicamente. La seduta ha inizio a partire dalle ore 18.00 con il seguente ordine del giorno:

- 1) Proposta controrelatori per la sessione di Laurea Magistrale di Ottobre 2021.

La commissione propone i seguenti controrelatori:

- 1) Candidate: 828417

Thesis: Explainable Machine Learning Models for the Tenders in Public Administrations

SSD: INF/01

Keywords: xgboost classification, XAI, local and global explanations with SHAP

Supervisor: Rosa Meo

Referee: Roberto Esposito (with: Giancarlo Ruffo, Daniele Radicioni)

- 2) Candidate: 903598

Thesis: Performance Improvement of Automatic Speech Recognition

SSD: INF/01

Keywords: Machine Learning, Transformer Neural Networks, Language Modelling, Pattern Recognition

Supervisor: Rosa Meo

Referee: Daniele Radicioni (with Alessandro Mazzei, Rossella Cancelliere)

- 3) Candidate: 834801

Thesis: Modelling bearing production quality using Bayesian networks and machine learning techniques

SSD: INF/01

Keywords: Bayesian networks, machine learning regression, LSTM, feature selection.

Supervisor: Rossano Schifanella

Referee: Federico Polito (with Rosa Meo, Cristina Zucca)

- 4) Candidate: 922305

Thesis: Studying the debate on mask wearing hesitancy using deep learning for NLP.

SSD: INF/01

Keywords: Deep Machine Learning for NLP

Supervisor: Rossano Schifanella

Referee: Roberto Esposito (with Silvia Montagna, Marco Beccuti)

5) Candidate: 837880

Thesis: Industrial production planning using Reinforcement Learning

SSD: INF/01

Keywords: Reinforcement Learning, neural network and Monte Carlo Tree Search

Supervisor: Rosa Meo

Referee: Rossano Schifanella, (with Roberto Micalizio, Silvia Montagna)

6) Candidate: 931685

Thesis: Network evolution, Network topological analysis, Link analysis, Dynamic community detection

SSD: INF/01

Supervisor: Giancarlo Francesco Ruffo

Referee: Matteo Sereno (with Rosa Meo, Rossano Schifanella)

7) Candidate: 833704

Thesis: Detecting lung cancer using serum proteins: a machine learning approach

SSD: SECS-S/01

Keywords: cluster analysis, machine learning models on clinical data.

Supervisor: Pierpaolo De Blasi

Referee: Amir Khorrami Chokami (with Silvia Montagna, Cristina Zucca)

La seduta è tolta alle ore 18.15.

La Commissione Prova Finale