

LANAS 2018



1° International Workshop on
Learning and Assessment in Natural and Artificial System

LANAS 2018

26-27 settembre 2018

*Aula Piovani – Department of Humanities Study -
University of Naples Federico II - Italy*



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



[Program](#)

Wednesday 26 september 2018

09:45 – 10:00: Welcome

10:00 – 10:40: **Santo di Nuovo** (Invited speaker) **Psychological measurement and new technologies**
University of Catania

10:40 – 11:00: **Federica Truglio** **Educational robotics to support social relations at school**
AORN Santobono-Pausilipon of Naples - Department of child neuropsychiatry – Italy

11:00 – 11:20: **Roberta Simeoli** **Micro-movements: an objective measure to assess autism spectrum disorder**
University of Naples Federico II - Italy

11:20 - 11:50 **Coffe Break**

11:50-12:30: **Pietro Cipresso** (Invited speaker) **Computational Psychometrics: From Behavior to Modeling**
I.R.C.C.S. Istituto Auxologico Italiano · Applied Technology for Neuro-Psychology Lab

12:30-12:50: **Pasquale Dolce** **Toward an instrumental predictive-oriented approach in Psychology**
University of Naples Federico II – Italy

12:50-13:10: **Angelo Rega – Andrea Mennitto** **Technological aids for specialists supporting the acquisition of verbal behavior in persons with autism**
IRFID - Institute for Research Training and Information on Disabilities - Italy

13:10-14:30: **Lunch**

14:30 – 15:10: **Claudio Barbaranelli** (Invited speaker) **Psychological measurement with implicit methods: the case of moral disengagement**

15:10 – 15:30: **Antonio Cerrato** **The use of tangible interfaces and artificial intelligence systems to evaluate visuospatial cognition**
University of Naples Federico II - Italy

15:30 – 15:50: **Orazio Miglino** **Developing a connectionist trainer for artificial and natural learners**
University of Naples Federico II - Italy

15:50 – 16:20: **Coffe Break**

16:20-16:40: **Michela Ponticorvo** **Playing cards as a tool to assess and enhance numerical cognition**
University of Naples Federico II - Italy

16:40-17:00: **Onofrio Gigliotta** **Modelling individual differences in spatial attention through evolutionary algorithms: the case of pseudoneglect**
University of Naples Federico II – Italy
Institut du Cerveau et de la Moelle épinière – ICM - Paris -France

17:00-17:20: **Daniela Pacella** **A statistical and computational model for predicting human negotiation styles**
University of Plymouth - UK

17:20-18:20: **Conclusive remarks**

Santo Di Nuovo, Orazio Miglino, Claudio Barbaranelli, Mauro Maldonato.
Chair: Davide Marocco

20:30: Social Dinner

Thursday 27 september 2018

Current Projects and Future Ideas

- 10:00 – 10:20: **15 years of the Natural and Artificial Cognition Lab: at interface of psychology and technology**
Orazio miglino University of Naples Federico II - Italy
- 10:20 – 10:40: **Cognitive Empowerment for Enhancement Of Active And Healthy Aging**
Silvana Miceli, Barbara Caci, Maurizio Cardaci, and Henrik Lund
University of Palermo (Italy) - University of Denmark (Denmark)
- 10:40 – 11:00: **DOCENT: Digital Creativity Enhanced for Teacher Education**
Michela Ponticorvo University of Naples Federico II - Italy
- 11:00 – 11:30 **Coffe Break**
- 11:30 – 11:50 **The CHROME Project: knowledge representations, user modelling and multimodal interaction in a blend.**
Francesco Cutugno & Antonio Origlia University “Federico II” of Naples – Italy
- 11:50 – 12:10 **Accord: Conflict resolution in multicultural school context**
Davide Marocco University of Naples Federico II - Italy
- 12:10 – 13:00 **Brainstorming for project ideas**
- 13:00 – 14:30 **Lunch**
- 14:30 – 14:50: **Sage-Care: Demonstrating Machine Learning for Cancer Diagnostics: Preliminary results**
Paul Walsh, Jennifer Lynch, Cintia Palu – Onofrio Gigliotta, Raffaele Di Fuccio
NSilico Life Science, Dublin, Ireland - University of Naples, Federico II - Italy
- 14:50 – 15:10: **CODING: Codinc for social inclusion**
Franco Rubinacci - University of Naples Federico II – Italy
- 15:10 – 15:30: **MetaPlat: MOOCs as tools for scientific dissemination.**
Orazio Miglino - University of Naples Federico II - Italy
- 15:30 – 15:50: **Inf@nzia DIGI.ales.3.6 - improve learning pupils**
Raffaele Di Fuccio - SMARTED srl
- 15:50 – 16:50: **Brainstorming and farewell refreshments**