

WOA 2015

XVI WORKSHOP "DAGLI OGGETTI AGLI AGENTI"

NAPOLI, 17-19 GIUGNO 2015

PROGRAMMA

INVITED SPEAKER



Prof. Kostas Stathis

Kostas Stathis studies the development of autonomous systems with cognitive and social capabilities with the twin goals of understanding human intelligence in symbolic computational terms and to develop applications that support what people do in their everyday activities. His work focuses on the use of computational logic to explain how an autonomous agent can represent the environment in which it is situated and how multiple agents can be deployed over distributed networks to interact with other agents by inhabiting electronic environments and accessing physical worlds. [Continua a leggere \(\)](#)



Dr. Onofrio Gigliotta

Onofrio Gigliotta is a researcher at the Department of Humanistic Studies of the University of Naples "Federico II". His main research is focused on Bioinspired Artificial Intelligence, Evolutionary Robotics and their applications. He collaborates with the Institute of Cognitive Sciences and Technologies (ISTC-CNR, Rome) in developing robot/agent simulators to be used both in basic and in applied research. He is author of international scientific publications and has participated to many National and European Projects.

PROGRAMMA

Mercoledì 17 Giugno

- > **09:00** Apertura Registrazione
- > **09:30** Relazione Invitata - Dr. Onofrio Gigliotta
Multi Agent Systems from the standpoint of a Psychologist
- > **10:30** Pausa Caffé
- > **11:00 Sessione 1 - Agents and Services**
 - "MUSA: a Middleware for User-driven Service Adaptation (<http://ceur-ws.org/Vol-1382/paper1.pdf>)"
M. Cossentino, C. Lodato, S. Lopes, L. Sabatucci
 - "An application of learning agents to smart energy domains (<http://ceur-ws.org/Vol-1382/paper2.pdf>)"
A. Amato, M. Scialdone, S. Venticinquè
 - "Recent Possibilities of Intelligent Agents in Distributed Systems (<http://ceur-ws.org/Vol-1382/paper3.pdf>)"
M. Wozniak

- “An AO system for OO-GPU programming (<http://ceur-ws.org/Vol-1382/paper4.pdf>)”

A. Fornaia, C. Napoli, G. Pappalardo and E. Tramontana

› **12:50 Pausa Pranzo**

› **14:20 Sessione 2 - Social Systems I**

- “Comparing a Social Robot and a Mobile Application for Movie Recommendation: A Pilot Study (<http://ceur-ws.org/Vol-1382/paper5.pdf>)”

F. Cervone, V. Sica, M. Staffa, A. Tamburro, S. Rossi

- “The Positive Power of Prejudice: A Computational Model for MAS (<http://ceur-ws.org/Vol-1382/paper6.pdf>)”

A. Sapienza, R. Falcone, C. Castelfranchi

› **15:10 Sessione 3 - Coordination and Protocols**

- “Protocols with Exceptions, Timeouts, and Handlers: A Uniform Framework for Monitoring Fail-Uncontrolled and Ambient Intelligence Systems (<http://ceur-ws.org/Vol-1382/paper10.pdf>)”

D. Ancona, D. Briola, V. Mascardi

- “A game-based model for human-robots interaction (<http://ceur-ws.org/Vol-1382/paper23.pdf>)”

A. Murano, L. Sorrentino

› **16:00 Pausa Caffé - Sessione Demo**

› **16:30 Sessione 4 - Modeling and Simulation**

- “A Hybrid Agent Architecture for Endowing Floor Field Pedestrian Models with Tactical Level Decisions (<http://ceur-ws.org/Vol-1382/paper12.pdf>)”

L. Crociani, A. Invernizzi, G. Vizzari

- “Composing Cognitive Agents from Behavioural Models in PRESTO (<http://ceur-ws.org/Vol-1382/paper13.pdf>)”

P. Busetta, M. Dragoni

- “Agent based Modeling and Simulation with ActoMo (<http://ceur-ws.org/Vol-1382/paper14.pdf>)S”

A. Poggi

- “Simulations of Opinion Formation in Multi-Agent Systems using Kinetic Theory (<http://ceur-ws.org/Vol-1382/paper15.pdf>)”

S. Monica, F. Bergenti

› **20:30 Cena Sociale**

Giovedì 18 Giugno

› **09:00 Apertura Registrazione**

› **09:30 Relazione Invitata - Prof. Kostas Stathis**

Agent Environments in the Ambient Event Calculus (abstract ())

› **10:30 Pausa Caffé - Sessione Demo**

› **11:00 Sessione 5 - Agent Oriented Architectures**

- “Location-aware JADE Agents in Indoor Scenarios (<http://ceur-ws.org/Vol-1382/paper16.pdf>)”

F. Bergenti, S. Monica

- “Mobile Agents with Recurrent Neural Networks-based Computing Model for Echo Cancellation Problem (<http://ceur-ws.org/Vol-1382/paper17.pdf>)”

G. Capizzi, F. Bonanno, G. Lo Sciuto

- “Adaptive Hybrid Agents for Tactical Decisions in Pedestrian Environments (<http://ceur-ws.org/Vol-1382/paper18.pdf>)”

L. Crociani, A. Piazzoni, G. Vizzari

- “Outline of a Formalization of JADE Multi-Agent Systems (<http://ceur-ws.org/Vol-1382/paper19.pdf>)”
F. Bergenti, E. Iotti, A. Poggi

› **12:50** Pausa Pranzo

› **14:20 Sessione 6 - Agents and Robots**

- “A Market Mechanism for QoS-aware Multi-Robot Task Allocation (<http://ceur-ws.org/Vol-1382/paper20.pdf>)”
F. Barile, A. Rossi, M. Staffa, C. Di Napoli, S. Rossi
- “Self-Organising UAVs for Wide Area Fault-tolerant Aerial Monitoring (<http://ceur-ws.org/Vol-1382/paper21.pdf>)”
M. De Benedetti, F. D'Urso, F. Messina, G. Pappalardo, C. Santoro
- “A Case Study on Goal Oriented Obstacle Avoidance (<http://ceur-ws.org/Vol-1382/paper22.pdf>)”
P. Caianiello, D. Presutti
- “Coordination of Large-Scale Socio-Technical Systems: Challenges and Research Directions (<http://ceur-ws.org/Vol-1382/paper11.pdf>)”
A. Omicini and F. Zambonelli

› **16:00** Pausa Caffé

› **16:30 Sessione 7 - Social Systems II**

- “Using AOP neural networks to infer user behaviours and interests (<http://ceur-ws.org/Vol-1382/paper7.pdf>)”
A. Fornaia, C. Napoli, G. Pappalardo and E. Tramontana
- “A Case-Study for Sentiment Analysis on Twitter (<http://ceur-ws.org/Vol-1382/paper8.pdf>)”
P. Fornacciari, M. Mordonini and M. Tomaiuolo
- “Rule-based location extraction from Italian unstructured text (<http://ceur-ws.org/Vol-1382/paper9.pdf>)”
E. Tramontana, R. Giunta, G. Pappalardo, D. Caruso, D. Messina

› **17:50** Chiusura

Venerdì 19 Giugno - Miniscuola