

PERSONAL INFORMATION Federico Lisi

lisi@dis.uniroma1.it

Gender M | Date of Birth 23/09/1986 | Nationality Italian

CURRENT

P.h.D. Candidate in Automatic Control, Bioengineering and Operations Research
Università degli Studi di Roma "La Sapienza".

P.h.D Courses:

- Distributed Coordination of Multi-Agent Systems (Prof. Wei Ren) At EECI Paris, Saclay (2016)

MASTER DEGREE (MAY 2015)

Master Degree in Artificial Intelligence and Robotics (all courses in English),
"La Sapienza" University of Rome

Degree: 110/110

Thesis : "REINFORCEMENT LEARNING BASED APPROACHES TO QUALITY OF EXPERIENCE CONTROL
IN FUTURE INTERNET NETWORKS "

Main Courses:

- Machine Learning,
- Robotics,
- Artificial Intelligence,
- Computer Graphics,
- Neural Network,
- Medical Robotics,
- Distributed Software Platform,
- Network Infrastructures

PROFESSIONAL EXPERIENCE

(JULY 2015 – present)

EUROPEAN PROJECT "BONVOYAGE"

At CRAT (Consorzio per la Ricerca nell'Automatica e nelle Telecomunicazioni)

- Development of Machine Learning algorithms for automatic mobility pattern and automatic Quality of Experience evaluation and control

[Research Assistant](#)

(JULY 2015- OCTOBER 2015)

FP7 EUROPEAN PROJECT "SWIPE"

At CRAT(Consorzio per la Ricerca nell'Automatica e nelle Telecomunicazioni)

- Development of Algorithm for Ad-Hoc Network
- [Reserach Assistant](#)

(JANUARY 2015 – JUNE 2015) **FP7 ITALIAN PROJECT “PLATINO”**
 At CRAT (Consorzio per la Ricerca nell’Automatica e nelle Telecomunicazioni)

- Development of Multi-Agent algorithms for Quality of Experience Control in unpredictable environment

Research Assistant

EDUCATIONAL

COMPUTER ENGINEERING **Bachelor Degree**
 “LA SAPIENZA” University of Rome

HIGH SCHOOL

Scientific High School
 Liceo Scientifico Statale “Stanislao Cannizzaro” Rome, Italy

PERSONAL SKILLS

Mother Tongue ITALIAN
 Other Languages English
 Spanigh

Informatic Skills

- Matlab
- Java
- C++
- HTML
- PHP
- SQL

Driving License B,A3

MORE INFORMATION

PUBLICATIONS

- **S. Battilotti, S. Canale, F. Delli Priscoli, L. Fogliati, C. Gori Giorgi, F. Lisi, S. Monaco, L. Ricciardi Celsi, V. Suraci**, “A Dynamic Approach to Quality of Experience Control in Cognitive Future Internet Networks,” proceeding of 24th European Conference on Networks and Communications (EuCNC 2015), held on June, 29 - July, 2, 2015 in Paris, France.
- **F. Delli Priscoli, F. Lisi, S. Monaco, A. Pietrabissa, L. Ricciardi Celsi, V. Suraci**, “Multi Agent Quality of Experience Control,” submitted to the IJCAS Internation Journal of Control, Automation and System
- **S. Canale, A. Di Giorgio, F. Lisi, M. Panfili, A. Pietrabissa, V. Suraci and F. Delli Priscoli**, “Future Internet oriented User Centric Extended Intelligent Trasportation System”, accepted ot 24th Mediterranean Conference on Control and Automation

PROJECTS

- Needle Path Planning for Autonomous Robotic Surgical Suturing
 - Autonomous Robot in Apartment
 - NAO Robot in V-REP
 - Aerodynamics and Control of Autonomous Quadrotor Helicopters in Aggressive Maneuvering
 - Stiffness Estimator for VSA II
 - Multi-Agent Reinforcement Learning in Future Internet Networks
 - Minimize Rastrigin's function (Genetic algorithm)
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