

Europass Curriculum Vitae



Personal information

Surname(s) / First name(s)

Address(es)

Email(s)

Nationality(-ies)

Date of birth

Gender

Enrico, Oliva

Via Brigata Maiella, 61100, Pesaro, Italy

enrico.oliva@unibo.it

Italian

29 march 1976

Male

Education and training

Dates

Title of qualification awarded

Principal subjects/Occupational
skills covered

Name and type of organization
providing education and training

Dates

Title of qualification awarded

Principal subjects/Occupational
skills covered

Name and type of organization
providing education and training

Level in national or international
classification

Dates

Title of qualification awarded

Principal subjects/Occupational
skills covered

Name and type of organization
providing education and training

March 2008

PhD in Electronics, Computer Science and Telecommunications

Thesis Title: "*Argumentation and Artifacts for Intelligent Multi-agent Systems*", Abstract Reasoning under uncertainty is a human capacity that in software system is necessary and often hidden. Argumentation theory and logic make explicit non-monotonic information in order to enable automatic forms of reasoning under uncertainty. In human organization Distributed Cognition and Activity Theory explain how artifacts are fundamental in all cognitive process. Then, in this thesis we search to understand the use of cognitive artifacts in an new argumentation framework for an agent-based artificial society.

ALMA MATER STUDIORUM—Università di Bologna, via Venezia 52, Cesena, Italy. Founded by Ministry of Education, University and Research (MIUR)

October 2004

Master Degree in Computer Science - Information Communication Technology (ICT)

Title thesis: "*Coordination of Logic Agents Driven by Operating Instruction*"

ALMA MATER STUDIORUM—Università di Bologna, Cesena, Italy

110/110 with Award

October 2002

Degree in Computer Science

Title Thesis: "*Determination of paths from acceleration data in mobility applications*"

ALMA MATER STUDIORUM—Università di Bologna, Cesena, Italy

Other Technical, Professional or Occupational Training/Courses Attended

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

20 - 28 August 2007

University of Leuven, Belgium

Full time

Summer school of **Logic and Artificial Intelligence**

- Description Logics. (Ulrike Sattler)
- Logic-based Knowledge Representation and Reasoning for the Semantic Web. (Jeomer Stuckenschmidt)
- Logic-based techniques for information integration. (Marie-Christine Rousset)
- Logic, Probability and Learning, or An introduction to Statistical Relational Learning (Luc De Raedt)
- Knowledge representation and reasoning in ID-logic (Marc Denecker)
- Constraint Programming (Pascal Van Henteryck)
- Logic-based agents (Fariba Sadri and Bob Kowalski)
- Action Planning: Recent Theoretical and Practical Advances (Bernhard Nebel)

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

9 march 2007

University of Ferrara, Italy

Full time

GULP: Applications of LP and related CL paradigms Università di Ferrara, Ferrara

- Inductive Logic Programming.
- Answer Set Programming
- Constraint Programming Approaches to the Protein Structure
- Prediction Problem

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

16 march 2007

University of Bologna, Italy

Full time

Seminar by Dr. Guido Governatori School of Information Technology and Electrical Engineering dell' Università di Queensland (Australia)

- Embedding Defeasible Logic in Logic Programming
- DR-Contract: An Architecture for e-Contracts in Defeasible Logic

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

March 2006 to September 2006

University of Liverpool, UK

Full time

I was **visitor** at University of Liverpool in Computer Science department for 6 moths. In these period I studied Argumentation Theory and its applications with the supervision of Prof. Peter McBurney (my local referent)

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

2 weeks at July 2005
University of Utrecht, Netherlands
Full time
Summer school of **Agent and Multi-agent Systems AAMAS**

Dates
Institute or Employer
Type of training
Subjects studied and
qualifications gained

2 weeks at August 2004
Alexander Dubcek University of Trencin, Slovakia
Full time
Summer school of **Programming** for International Collegiate Programming Contest
ACM - Prof. Vladimir Tarasov Izhevsk State Technical University of Russia

Employment History

Data
Occupation or position held
Main activities and
responsibilities
Name and address of employer

2005-2006, 2006-2007, 2007-2008
Tutor
Tutor Fundamental of Computer Science LA Degree of Computer Science/ Electronic/
Telecommunication/ Biomedical Engineering
ALMA MATER STUDIORUM—Università di Bologna, Cesena, Italy

Data
Occupation or position held
Main activities and
responsibilities
Name and address of employer

February 2005 to July 2005
Researcher / Independent Consultant
Project and realization of a component based system for production and fruition of
Learning-Object
ALMA MATER STUDIORUM—Università di Bologna, Cesena, Italy

Dates
Occupation or position held
Main activities and
responsibilities
Name and address of employer
Type of business or sector

March 2002 to October 2002
Software Developer
Member of the developer team IDRACAM3 - responsible of user interfaces
Fom Industrie s.r.l. via Mercadante, 85/87 Cattolica www.fomindustrie.com
Engineering

Dates
Occupation or position held
Main activities and
responsibilities
Name and address of employer
Type of business or sector

September 2001 to March 2002
Researcher / Independent Consultant
Evaluation of possible localization alternative for indoor and outdoor application
Ducati Sistemi via Ronzani, 47 Casalecchio di Reno
Engineering

Personal skills and competences

Mother tongue(s)
Other language(s)

Italian
English

*Self-assessment
European level^(*)*

English

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

^(*) Common European Framework of Reference (CEF) level

Computer skills and
competences

Models and methodologies for component and agent based software systems. Competences in semantic web technology and Logic Programming. Main Imperative Programming languages: Java (from academic environment), Visual Basic, Visual C++ (from industrial environment) Main IDE: Eclipse, Visual Studio. Declarative Languages: Prolog, SQL, XSLT (from academic environment) Manual production: DITA (from industrial environment IBM) ...

Additional information

Award

IBM Award (with Prof. Antonio Natali) for the research on e-learning system applicable to the user manual. Reference work: *“Using Eclipse in Building Model-driven e-Learning Supports”*

Conferences

Name, Location and Data

7rd International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2008), May 12–16, 2008, Lisbon, Portugal.

1st International Conference on Eclipse Technologies Eclipse - IT Università degli Studi di Napoli Federico II 5-6 Oct. 2007

11th International Workshop on **Non-Monotonic Reasoning** NMR Lake District, England, May 30 - June 1, 2006

1th Iteranational Conference on **Computational Models of Argument** COMMA The University of Liverpool, UK 11th - 12th September 2006

4th International Workshop Foundation of Coordination Language and Software Architectures FOCLASA - San Francisco, USA, August 2005

12th International SPIN Workshop on Model Checking of Software - San Francisco, USA, August 2005

4rd International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 2005), July 25-29, 2005, Utrecht, The Netherlands.

My Seminars

Title and Location

Final PhD seminar *“Argumentation and Artifact for Intelligent Multi-agent Systems”* Università di Bologna, Cesena - Italy

“Using Eclipse in Building Model-driven e-Learning Supports” Univerisità Federico II Napoli - Italy

Second year of PhD seminar “Models, methodologies and infrastructures for agent and component-based systems: interoperability, adaptability and coordination”, Università di Bologna, Cesena - Italy

Informal seminar - *WSN Opearting System Wireless Sensor Network Operating System: TinyOS* Università di Bologna, Il Facoltà di Ingegneria, Cesena - Italy

Seminar - *Web Services Choreography and Choreography Description Language WS-CDL* Università di Bologna, Il Facoltà di Ingegneria, Cesena - Italy

Seminar at Degree of Computer Science - Distributed System LB *“Introduction to .NET Framework and Web Services”* Università di Bologna, Il Facoltà di Ingegneria, Cesena - Italy

Publications

Enrico Oliva, Mirko Viroli, Andrea Omicini, and Peter McBurney.
Argumentation and artifact for dialogue support.

In Iyad Rahwan and Pavlos Moraitis, editors, *5th International Workshop “Argumentation in Multi-Agent Systems” (ArgMAS 2008)*, pages 24–39, AAMAS 2008, Estoril, Portugal, 12 May 2008

Enrico Oliva.
Argumentation and Artifacts for Intelligent Multi-agent Systems.
PhD thesis, Dottorato in Ingegneria Elettronica, Informatica e delle Telecomunicazioni,
Cesena, Italy, March 2008

Enrico Oliva, Peter McBurney, and Andrea Omicini.
Co-argumentation artifact for agent societies.
In Simon Parsons, Iyad Rahwan, and Chris Reed, editors, *Argumentation in Multi-Agent Systems*, volume 4946 of *LNAI*, chapter 3, pages 31–46. Springer, April 2008.
4th International Workshop (ArgMAS 2007), Honolulu, HI, USA, 15 May 2007. Revised Selected and Invited Papers

Enrico Oliva, Mirko Viroli, and Andrea Omicini.
Minority Game: A logic-based approach in sf TuCSoN.
In Flavio De Paoli, Antonella Di Stefano, Andrea Omicini, and Corrado Santoro, editors, *From Objects to Agents*, volume 204 of *CEUR Workshop Proceedings*, pages 181–186. Sun SITE Central Europe, RWTH Aachen University, October 2006.
7th Workshop “From Objects to Agents” (WOA 2006), Catania, Italy, 26–27 September 2006. Proceedings

Enrico Oliva, Mirko Viroli, and Andrea Omicini.
Simulating Minority Game with sf TuCSoN.
In Alessandro Genco, Antonio Gentile, and Salvatore Sorace, editors, *Industrial Simulation Conference 2006 (ISC 2006)*, pages 33–38, Palermo, Italy, 5–7 June 2006. EUROSIS (The European Simulation Society) ETI (The European Technology Institute)

Antonio Natali, Enrico Oliva, Alessandro Ricci, and Mirko Viroli.
A framework for engineering interactions in java-based component systems.
Electronic Notes in Theoretical Computer Science, 154(1):43–61, 2006

Antonio Natali, Antonio Del Cinque, and Enrico Oliva.
Using eclipse in building model-driven e-learning supports.
In Paolo Maresca, editor, *Eclipse: a Great Opportunity for Industry and Universities in Italy*, volume 1, pages 27–42. Cuzzolin Editore, October 2007.
1st International Conference on Eclipse Technologies (Eclipse - I 2007), Napoli, Italy

Alessandro Ricci, Andrea Omicini, Mirko Viroli, Luca Gardelli, and Enrico Oliva.
Cognitive stigmergy: Towards a framework based on agents and artifacts.
In Danny Weyns, H. Van Dyke Parunak, and Fabien Michel, editors, *Environments for MultiAgent Systems III*, volume 4389 of *LNAI*, pages 124–140. Springer, May 2007.
3rd International Workshop (E4MAS 2006), Hakodate, Japan, 8 May 2006. Selected Revised and Invited Papers

Enrico Oliva