

# Giovanni Luca Ciampaglia

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Born: July 12, 1980

Nationality: Italian

Swiss Residence Permit Type: B

## Areas of specialization

Computer science • Social computing

## Areas of competence

Agent-based modeling • Large-scale data analysis • Simulation

## Education

2010

### **Ph.D. candidate in Informatics**

Università della Svizzera Italiana, Lugano, Switzerland

ADVISORS: Luca Maria Gambardella (IDSIA), Alberto Vancheri & Paolo Giordano (USI)

2006

### **Laurea in Computer science (5 yrs program – BSc & MSc equivalent)**

Università degli Studi di Roma “La Sapienza”, Italy

ADVISOR: Brunello Tirozzi (La Sapienza)

2000

### **Maturità Scientifica**

Liceo Scientifico Isacco Newton, Roma, Italy

## Appointments held

### RESEARCH

2011

#### **ETH Zürich**

Research associate

Chair of Sociology, in particular Modeling and Simulation (Prof. Dirk Helbing)

### TEACHING

2010

#### **ETH Zürich**

Lecturer

*Lecture with Computer Exercises: Modelling and Simulating Social Systems with MATLAB* (30 h)

2008

#### **Università della Svizzera Italiana**

Teaching assistant

2007 Bachelor program in Informatics  
*Artificial Intelligence and Knowledge Management* (18 h)  
**Università della Svizzera Italiana**  
 Teaching assistant  
 Bachelor program in Informatics  
*Computer Networking* (18 h)

## Grants & awards

2010 VISITING STUDENTSHIP (3 months) ETH Zürich, Switzerland  
 2008 ADMISSION TO SUMMER SCHOOL (1 month) SFI Complex Systems Summer School, Santa Fe, USA.  
 2006 DOCTORAL STUDENTSHIP (4 years) Swiss National Science Foundation

## IT & programming

Programming languages: C/C++, Java, MATLAB  
 Scripting languages: Javascript, Python (SciPy + NumPy, Cython), PHP, Bash, ZSH  
 Markup languages: XHTML, CSS, XML  
 Database systems: MySQL, PostgreSQL, SQLite  
 Web Frameworks: Django, jQuery  
 Revision control: Darcs, SVN, Git  
 Digital typography: L<sup>A</sup>T<sub>E</sub>X, X<sub>Y</sub>L<sup>A</sup>T<sub>E</sub>X  
 Batch systems: PBS  
 Favourite editor: Vim  
 Personal productivity system: GTD®

## Languages

Italian (native speaker)  
 English (professional proficiency)  
 French (basic proficiency)

## Publications & talks

### PEER-REVIEWED CONFERENCE PAPERS

2010b Dario Taraborelli, **Giovanni Luca Ciampaglia** (2010), “Beyond notability. Collective deliberation on content inclusion in Wikipedia”, *Fourth IEEE intl conf. on self-adaptive and self-organizing systems workshops* September 27-28 2010, Budapest, Hungary. [\[DOI\]](#)  
 2010a **Giovanni Luca Ciampaglia**, Alberto Vancheri (2010), “Empirical analysis of user participation in On-line communities: the case of Wikipedia”, *Fourth intl AAAI conf. on weblogs and social Media*, May 23-26 2010, Washington D.C., USA. [\[PDF\]](#)  
 2008 **Giovanni Luca Ciampaglia**, Brunello Tirozzi (2008) “Go east: a residential land use model for the periphery of Rome”, *Intl cong. on environmental modelling and software*, July 7-10, 2008, Barcelona, Spain. [\[PDF\]](#)  
 2007 Rachid Rebiha, **Giovanni Luca Ciampaglia** (2007), “An ant colony verification algorithm” *Intl conf.*

*on intelligent systems design and applications*, October 22-24 2007, Rion de Janeiro, Brazil. [\[PDF\]](#)

UNPUBLISHED WORKS & WORKING PAPERS

- 2008 A. Millner, **G. L. Ciampaglia**, N. Aravamudan, J. Foster, “The cost of strategic adaptation in a simple conceptual model of climate change.” Working Paper for the Santa Fe Institute Complex Systems Summer School. [\[PDF\]](#)
- 2006 **Giovanni Luca Ciampaglia**, MSc Thesis in Computer Science, “Modello di sviluppo urbano mediate automi cellulari e sistemi multi-agente”.