Filippo Ricca

Associate professor

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Education and training

1994
Laurea in Scienze dell'Informazione
Università di Genova - Genova - IT

2003
PhD in Informatica
Università di Genova - Genova - IT

Academic experience

2009 - 2010
Post-doctoral fellow
Università di Genova - Genova - IT

2010 - 2015
Researcher
Università di Genova - Genova

2015 - ONGOING
Associate Professor
Università di Genova - Genova - IT

Work experience

1999 - 2006
Researcher
ITC-irst (now FBK) - Trento - IT

2006 - 2009
Postdoc
CINI (Cons. Inter. Naz. per lInformatica) - Genova - IT

Language skills

Italian
Mother tongue

English
Basic

Teaching activity

A substantial portion of Filippo Ricca's energies is devoted to advanced education. Besides teaching the classes mentioned below, Filippo has supervised several bachelor/master theses in the Software engineering field on several topics (e.g., Web application testing, Software testing, Cloud computing, Migration towards SOA and Fault localization). Moreover, he supervisioned two PhD students (M. Leotta and A. Stocco) in the field of Web application testing. Currently, he is supervising other two PhD students.

- Ingegneria del software (Genova)
- Large-scale Software Engineering (Genova)
- Algoritmi e strutture dati (Genova)
- Reliable Software Development (Genova)
- Software analysis and Testing (Trento)

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

- PHD supervision (supervisore dottorato di ricerca) PhD student: Maurizio Leotta 01-01-2012 -- 31-12-2014
- PHD supervision (supervisore dottorato di ricerca) PhD student: Andrea Stocco 01-01-2014 -- 31-12-2016
- PHD supervision (supervisore dottorato di ricerca) PhD student: Diego Clerissi 01-01-2016 --
- PHD supervision (supervisore dottorato di ricerca) PhD student: Matteo Biagiola 01-01-2017 --

PhD committees membership

- PhD program member, Computer Science, University of Genova, Italy (Collegio Docenti Dottorato di Ricerca in 'INFORMATICA' della Scuola di Dottorato dell'Università di Genova) - dal ciclo 29 al 33 dal 11-06-2013 a oggi
- PhD final examination committee, Politecnico di Torino (Commissione di INFORMATICA esame finale Dottorato di ricerca in Ingegneria Informatica e dei sistemi XXVIII ciclo della scuola di dottorato del Politecnico di Torino) dal 16-05-2016 al 17-05-2016
- Admission examination board PhD COMPUTER SCIENCE AND SYSTEMS ENGINEERING, University of Genova (Commissione giudicatrice Esame di ammissione XXXIII ciclo - Corso di dottorato in INFORMATICA E INGEGNERIA DEI SISTEMI / COMPUTER SCIENCE AND SYSTEMS ENGINEERING - Curriculum: SECURE AND RELIABLE SYSTEMS (CODICE 6610) - CONCORSO per TITOLI e COLLOQUIO) dal 30-06-2017 al

11-07-2017

Postgraduate (PhD) teaching activity

- Doctoral school on Automated Software Testing (with Dr. Paolo Tonella, Dr. Mariano Ceccato and Dr. Roberto Tiella), PhD program in Computer Science and Systems Engineering, University of Genova – https://sites.google.com/site/automatedswtesting (role: local organizer and instructor) dal 08-05-2017 al 12-05-2017
- Doctoral school on Software Requirements (with Dr. Paolo Tonella, Dr. Angelo Suri and Dr. Anna Perini), PhD program in Computer Science and Systems Engineering, University of Genova – https://sites.google.com/site/reqengphd/home (role: local organizer and instructor) dal 07-05-2018 al 11-05-2017

Research interests

The research interests of Filippo Ricca are in general for Software Engineering. In particular, he is interested in analysis and testing of software and Web systems, maintenance, re-engineering and empirical software engineering. The research is mainly conducted through empirical methods such as case studies, controlled experiments and surveys. All along, he has a strong interest in:

- Developing systems and tools in support to his research.
- Realizing empirical studies to provide empirical validation of the results and support to the proposed techniques/tools.

Grants

2002 - 2005
WebFAQ - Web Flexible Access and Quality
Provincia di Trento - IT
2.6 million euros - Participant
The research focused on the study and development of methods for the analysis of the information content in the Internet. More specifically, the project concentrated: (1) on the access to information contained in very large, unstructured, heterogeneous repositories, (2) on the multimodal presentation of information, and (3) on the assessment of the quality of information.

2011 - 2012
CLOUD BUILDER
Regione Liguria - IT
Pricipal investigator
Development of business applications in the cloud: Framework study and its implementation

Editorial activity

Editorial Activity:

- Guest editor (with L. Chao): STTT journal, Springer, special section on Web Systems Evolution.
  STTT 11(6): 419-425 (role: guest editor)
- Guest editor (with T. Dean and S. E. Sim): Information and Software Technology Journal. Guest
  Editorial: Special Section on International Conference on Program Comprehension, 2011.
  Information & Software Technology 55(4): 719-721 (role: guest editor)
- Guest editor (with D. Binkley and S. Demeyer): Information and Software Technology Journal.
  Editorial of special section from Software Evolution Week 2014.
  Information & Software
  Technology 65: 95-96 (role: guest editor)