Curriculum Vitae

Enrico Tassi

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1 Personal data

Name	Enrico Tassi
Affiliation	INRIA - Sophia-Antipolis
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GPG	Public Key(s) fingerprint(s):
	60D0 4388 E385 3643 807B 9507 EE49 1C3E 0123 F2F2
	C11A 5053 569A 7C8C 1758 E311 2505 33CC A29B 764F

2 Education

Apr 28, 2008   Ph.D. in Computer Science at the Department of Computer Science, University of Bologna.

Oct 20, 2004   Master Degree in computer science with a rating of 110/110 *cum laude* at the Department of Computer Science, University of Bologna.

Dec 12, 2002   Degree in computer science with a rating of 110/110 at the Department of Computer Science, University of Bologna.

3 Research interests

Interactive Theorem Provers I've focused my research on the development of type-theory based interactive theorem provers, in particular on their type inference subsystem, their integration with automatic proof searching procedures and the languages they adopt to interact with the user.

Formal Proofs I devoted a considerable part of my research to the formalization of (mainly constructive) mathematics using the Matita and Coq systems. In particular I formalized results in abstract integration theory, formal topology and finite group theory.

4 Personal interests

Free Software and Open Source in particular the Debian GNU/Linux operating system.

Software writing I'm interested in all aspects, from design to low level implementation and management. I've participated to the development of many free software projects.

5 Work experiences

1 Sept 2015 –   CR1 INRIA, team Marelle.

1 Sept 2012 – 31 Oct 2015   CR2 INRIA, team Typical then team SpecFun.

1 Nov 2011 – 31 Aug 2012   Post-doctoral position at LIX, Paris, in the Typical team on the ParalITP ANR project.

1 Nov 2009 – 31 Oct 2011   Post-doctoral position at the Microsoft Research-INRIA Joint Center, Paris, to support his research activity for the Mathematical Components project.

01 Jan 2009 – 31 Oct 2009   Italian research collaboration grant titled "Formalizzazione nel theorem prover interattivo Matita di risultati di topologia formale" of the duration of one year supporting his research activity at the Department of Pure and Applied Mathematcis, University of Padua.

20 Dec 2007 – 20 Dec 2008   Italian research collaboration grant titled "Implementazione e validazione di strumenti di supporto alla verifica automatica di teoremi, con applicazioni alla didattica" of the duration of one year supporting his research activity at the Department of Computer Science, University of Bologna.

1 Jan 2005 – 19 Dec 2007   PhD student in Computer Science at the Department of Computer Science, University of Bologna.

Debian Developer He is a developer of the Debian GNU/Linux operating system since Jan 2006. He is actually maintaining some Debian packages related to the Objective Caml programming language and the Lua programming language and some other general purpose packages.

6 Software

Only software to which he gave a strong contribution is listed

2015 – ...   **Elpi** The Elpi extension language.

2012 – ...   **Coq** The Coq proof assistant.

2010 – ...   **Small Scale Reflection** is an extension for the Coq proof assistant, initially developed by Georges Gonthier for the formal proof of the Four Colors Theorem.

2003 – 2011   **Matita** is a proof Assistant based on the Curry-Howard correspondence that is developed by the HELM team at the University of Bologna. Written in OCaml.

2006 – ...   **Debian packages** He is actually (co-)maintaining more than 30 packages for the Debian GNU/Linux operating system.

2009 – ...   **SyncMailDir** is a collection of utilities to synchronize mailboxes in Maildir format. Written in C, Lua and Vala.

2004 – 2012   **FreePOPs** is an extensible POP3 server, mostly used as a web-mail to POP3 converter. Written in C and Lua.

2003 – 2004   **ULN** (User Level Networking) is a patch for the Linux kernel (2.4.x and 2.6.x) plus some userland utlities to give a per-user IP address assignment (with respect to centralized policies). Written in C.

7   Publications

The list of recent publications can be found at the following address: `https://cv.archives-ouvertes.fr/enrico-tassi`

Older publications are archived on my web page: `http://www-sop.inria.fr/members/Enrico.Tassi/publications.html`

8   Teaching experiences

In the last years I've been teaching the following courses of the University of Bologna:

Year	Type	Level	Course
2017	Professor (6h)	Master	Coq Winter School on advanced software verification and computer proof
2016	Professor (2h)	PhD	Mathematical Components, an Introduction
2016	Professor (6h)	Master	Coq Winter School on advanced software verification and computer proof
2015	Professor (12h)	Master	Coq Winter School on software verification and computer proof
2012	Professor (4h)	PhD	International Spring School on formalization of mathematics
2009/2010	Professor (16h)	Master	Laboratory of Free Operating Systems
2009	Assistant (220h)	1°Year	A3 (Introduction to Computer Science)
2008/2009	Professor (16h)	Master	Laboratory of Free Operating Systems
2008/2009	Assistant (20h)	1°Year	Languages and Structures
2008/2009	Assistant (30h)	2°Year	Operating Systems
2008	Assistant (110h)	1°Year	A3 (Introduction to Computer Science)
2007/2008	Assistant (60h)	2°Year	Databases and Information systems
2006/2007	Assistant (50h)	2°Year	Operating systems and laboratory
2006	Assistant (80h)	1°Year	A3 (Introduction to Computer Science)
2005/2006	Assistant (50h)	2°Year	Operating systems and laboratory