

Michela Ceria

Personal information.

-Mathematics Department-Università degli Studi di Torino
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- E-mail: michela.ceria@unito.it

- Born in Biella (Italy) on July 3, 1984.

- Citizenship: Italian.

Academic position.

PhD student, cycle XXVI; 2° year.

Education.

- July 2010. Turin - Università degli studi -Master of science degree in Mathematics (New system): 110L/110.

Thesis: "Conduttore e aggiunte di curve algebriche".

Supervisor: Professor Margherita Roggero.

Assistant supervisor: Professor Paolo Valabrega.

- July 2003. Biella- Liceo Classico G.Q. Sella

High School focused on Humanities, grade 100/100.

Languages.

- **Italian** mother tongue.

- **English** (written and spoken), good.

International English Language Testing System (Academic) – got in September 2010, final grade 7.

-**Japanese** (written and spoken), scholastic.

Japanese Language Proficiency, level 3.

Information Technology.

- Operating systems Windows and Linux (Ubuntu); Microsoft Office package (Word, PowerPoint: very good knowledge; Excel: good knowledge); browsers and e-mail (Internet Explorer, Outlook Express): good knowledge.

-Mathematics softwares: Maple(especially versions 8-11-12), CoCoA, Singular

-Computer programming language: C- C++

-LaTeX

Visiting.

Visiting Student, Technische Universität Kaiserslautern; May 5, 2012- November 30, 2012, current Singular developer.

Singular libraries.

-JMBTest.lib: J-marked basis test

-JMSConst.lib: Construction of J-marked schemes.

Works in progress.

- M. Ceria, "A computational approach to the theory of adjoints" (draft version).

-M. Ceria, "A simplified version of Axis of Evil theorem for distinct points", arXiv:1208.1695 [math.AC], submitted for publication to the "Journal of Symbolic Computations".

-M. Ceria, "A Jumping interpolation-oriented algorithm for the Groebner Escalier". (draft version).

-M. Ceria, "A Bar-Code algorithm for the Axis of Evil Theorem". (draft version).

-T. Mora, M.G. Marinari, M. Ceria, "An improved version of the Axis of Evil theorem". (draft version).