

## FERDINANDO CICALESSE

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### EDUCATION

**PhD in Computer Science**, University of Salerno, 2001

**Laurea degree in Informatics**, University of Salerno, 1995

### EMPLOYMENT

**Associate Professor**, Department of Computer Science and Appl., University of Salerno, Italy  
2006 - present

**Research Group Leader**, “Combinatorial Search Algorithms in Bioinformatics”, Faculty of Technology, Bielefeld University, Germany 2004 - 2009

**Assistant Professor**, Department of Computer Science and Appl., University of Salerno, Italy  
2001 - 2006

### AWARDS

**Sofja Kovalevskaja Award**, Alexander von Humboldt Foundation, *grant of 700 000 Euro*, 2004

**Best Italian PhD Thesis in Theor. Comp. Science**, Italian Chapter of the EATCS, 2001

### INTERNATIONAL EXPERIENCES and HONORS

**Visiting researcher and DAAD fellow**, Department of Computer Science, Freie Universität Berlin, Germany, 2 months, 2011

**Visiting professor**, Alfréd Rényi Institute of Mathematics, Hungarian Academy of Sciences, Budapest, Hungary, 6 months, supported by EU-FP6 ToK HUBI, 2009 - 2010

**Marie Curie fellowship**, EU Research Training Network *COMBSTRU: Combinatorial Structure of Intractable Problems*, 2 year contract interrupted for taking up the research group leadership in Bielefeld, 2004

**Visiting researcher and DAAD fellow**, Center for Biotechnology, Bielefeld University, Germany, 6 months, 2004

**Visiting researcher**, ZiF Research Group *General Theory of Information Transfer and Combinatorics*, Center for Interdisciplinary Research, Bielefeld, 2002 - 2003

**Visiting researcher**, Faculty of Informatics, Vienna University of Technology, 6 weeks, 2000

**CNR fellow**, Italian Council of Research fellowship for a research visit to Middlesex University, London, UK, 8 months, 1995 - 1996

**Erasmus fellow**, Middlesex University, London, UK, 3 months, 1993

### SCIENTIFIC RESPONSIBILITIES

**Programme Committee membership in international symposia**

- *CPM 2012, 23<sup>rd</sup> Annual Symposium on Combinatorial Pattern Matching*, Helsinki, Finland, 3-5 July 2012

- *SOFSEM 2012, 38<sup>th</sup> International Conference on Current Trends in Theory and Practice of Computer Science*, Špindlerův Mlýn, Czech Republic, 21-27 Jan. 2012
- *Algorithms and data structures for selection, identification and encoding*, ICALP 2011 Workshop, Zurich, Switzerland, 3 July 2011 (co-chair)
- *CCP 2011, International Conference on Data Compression, Communication, and Processing*, Palinuro, Italy, 21-24 June 2011
- *Search Methodologies II*, ZiF - Center for Interdisciplinary Research, Bielefeld, Germany, 25-29 Oct. 2010 (co-chair)
- *Search Methodologies*, Dagstuhl Seminar 0928, Leibniz-Zentrum für Informatik, Germany, 5-10 July 2009 (co-chair)
- *LATIN 2008, Latin American Theoretical Informatics Symposium*, Buzios, Rio de Janeiro, Brazil, 7-11 Apr. 2008
- *CASB 2006, International Conference on Computational and Systems Biology*, Dallas, USA 13-14 Nov. 2006
- *COSSAC 2001, Combinatorics of Searching, Sorting & Coding*, Ischia, Italy, 7-9 Sept. 2001 (co-chair)
- *SMI '96, Intelligent Multimedia Systems*, Ravello, Italy, 13-15 Nov. 1996

#### Guest Editor for the following volumes

- *Algorithmica*, special issue on *Group Testing and Compressed Sensing*, in preparation
- *Theoretical Computer Science*, special issue dedicated to *Search Methodologies*, in preparation
- *Discrete Applied Mathematics*, vol. 137 (1), 2004

**External referee**, US National Science Foundation (NSF), and US National Security Agency (NSA)

**Referee for international journals:** ACM Transactions on Algorithms, *Algorithmica*, Central European Journal of Mathematics, Computers and Operations Research, *Discrete Applied Mathematics*, IEEE/ACM Transactions on Computational Biology and Bioinformatics, IEEE Transactions on Industrial Applications, IEEE Transactions on Information Theory, *Information Processing Letters*, *Journal of Combinatorial Theory*, *Journal of Discrete Algorithms*, *SIAM Journal on Computing*, *Soft Computing*, *Theoretical Computer Science*, and others

#### FUND-RAISING

**Sofja Kovalevskaja Programme**, grant of 700 000 Euro, Alexander von Humboldt Foundation, 2004 - 2009 (Principal Investigator)

**DFG Research Grant**, *Advances in Search and Sorting*, grant of 160 000 Euro, Deutsche Forschungsgemeinschaft, 2007 - 2009 (Principal Investigator)

**ZiF Cooperation Group Programme**, grant of 50 000 Euro, ZiF - Center for Interdisciplinary Research, Bielefeld, 2010 - 2013 (Principal Investigator)

Fisciano, October 4, 2011

Ferdinando Cicalese