Involved Teams

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1. Involved Teams

Mascotte & DISI - Università di Genova

1.1. DISI: Dipartimento di Informatica e Scienze dell'Informazione - Università di Genoa

DISI is the Department of Computer Science of the University of Genoa and was established in 1992, while the University of Genoa is one of the oldest Italian Universities and dates its origin in the Middle-Age. Nearly sixty people are engaged in research, with a teaching staff of about thirty; it supports the teaching activity of the programs in Computer Science: Laurea (undergraduate, three years), Master (postgraduate or near), Laurea Specialistica (postgraduate, two years); since 1993 it hosts a PHD program in Computer Science.

The main research areas are: databases and information systems, image processing, machine learning, artificial intelligence, geometric modeling and computer graphics, software development methods, parallel and distributed systems, programming languages, computational logic, computer algebra; research is performed in collaboration with national and international research centres and universities and industry.

In the first ten years of activity DISI ha established collaborations with over a hundred of research institutes in Europe and US. In the last five years 70% of our fund resources came from collaborations with external institutes and companies: EC projects (IV, V, VI framework; ESPRIT, BRITE, HCM, SCIENCE, CRAFT, IST) and MURST/MIUR, CNR, INFM, Parco Scientifico e Tecnologico Regione Liguria and companies (e.g. TXT e-solutions, Elsag, Marconi, Ferrovie dello Stato).

Name	Short CV
Massimo Ancona	Massimo Ancona is a professor of DISI - Genoa, where he teaches Implementation of programming languages and Distributed Systems. His present research interests include mobile and wireless computing with focus on open-air real-time applications of smartphones and PDAs in mobile wireless networks, network optimization, graph algorithms and data structure. Other research arguments are: programming languages design and implementation, compilers, reflective programming systems and aspect oriented programming. Massimo Ancona participates to the IST projects "Agamemnon"(IST-2-1A-20805) and "Doc@hand" (IST-2-1A-508015), and recently to "Past" (IST-2-1A-20805) and WardInHand" (IST-1999-10479). M. Ancona is member of the Program Committee of the Track on Programming

	Languages of the ACM Symposium on Applied Computing.
Vittoria Gianuzzi	Vittoria Gianuzzi is Associate Professor at DISI, Research Consultant of the CNR IMATI (Istituto per la Matematica Applicata e Tecnologie Informatiche) of Genoa and Director of the Genoa Unit of CINI (Consorzio Interuniversitario Nazionale per l'Informatica).
	Her research interests include programming languages, software fault tolerance, system tools for parallel programming on NoWs, and performance evaluation for heterogeneous computing systems for parallel applications, GRID computing and Mobile Wireless computing. She was involved as member in a number of national and international projects supported by the MURST, CNR, NATO, and EU, and research responsible for national CNR projects.
	She is author of more than 100 scientific publications from 1975, she has, in co-operation with colleagues, a copyright for a software system and was member of program committee and reviewer of journals and conferences.
Gianluca Quercini	Gianluca Quercini took his degree in computer science in 2005 at Disi (Dipartimento di Informatica e Scienze dell'Informazione, University of Genoa), with a thesis on textual data entry in PDAs.
	From June to December 2005 he worked at Disi as a researcher on the following topic : "Research and development of interfaces on 3G Mobile Devices and their Use in Focus-Aware Applications". This activity was mainly performed in the ICT European Project Agamemnon. Since January 2006 is a PhD Student at Disi, under the supervision of professor Massimo Ancona. His research interests are graph drawing, graph clustering and information visualization.

1.2. Mascotte - joint team INRIA Sophia - Antipolis, CNRS I3S and University of Nice - Sophia Antipolis

Mascotte is a joint team between Inria and the laboratory I3S (Informatique Signaux et Systèmes Sophia Antipolis) which itself belongs to Cnrs (Centre National de la Recherche Scientifique) and Unsa (University of Nice - Sophia Antipolis). Furthermore Mascotte is strongly associated with the center of research and development of France Telecom at Sophia-Antipolis via the CRC CORSO (the first Contrat de Recherche

Collaborative Inria with France Telecom).

Its research fields are Simulation, Algorithmic, Discrete Mathematics and Combinatorial optimization with applications to telecommunication, global computing and transportation networks.

In particular, Mascotte has developed in the last four years both theoretical and applied tools for the design of heterogeneous networks or networks using various technologies like wavelength division multiplexing (WDM), synchronous digital hierarchy (SDH), Asynchronous Transfer Mode (ATM), fixed, mobile or satellite wireless networks, ...

Name	Short CV
Bruce Reed	Bruce Reed is currently Research Director at CNRS in the project Mascotte (join project between I3S and INRIA Sophia-Antipolis. He has also been Research Chair in Graph Theory at Mac Gill's University (Montreal). He has written more than 120 papers in Graph theory mainly in journals and also 5 books. He is internationally recognized in coloring problems and probabilistic methods. He is member of the editorial board of Journal of Combinatorial Theory and has been involved in many program committees.
Michel Syska	Michel Syska is Maître de Conférences at University of Nice. He received the PhD degree in computer science from the University of Nice - Sophia Antipolis in 1992. His research interests are : network design, routing and grooming algorithms, distributed algorithms. He was recently strongly involved in the following projects: RNRT PORTO, Design and Optimization of WDM Optical Networks (1999 - 2001), IST CRESCCO, Critical Resource Sharing for Cooperation in Complex Systems (2002-2005) and IST AEOLUS, Algorithmic Principles for Building Efficient Overlay Computers since 2005 (member of the technical committee). He is also leading the Mascopt project (Java library for graph and network optimization).