



University of Udine, Italy (UNIUD)

Marina Lenisa

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UNIUD: the team

- Marina.Lenisa@uniud.it (professor of Computer Science): Programming Languages, Semantics, Formal Methods
- Stefano.Mizzaro@uniud.it (professor of Computer Science): Information Retrieval, Mobile Systems, Teaching and Research Assessment Methodologies
- Carla.Piazza@uniud.it (professor of Computer Science): Algorithms, Open Access, deputy rector for Open Access



Teaching and Research University

Founded in 1978 to support the social and economic reconstruction of Friuli after the dramatic earthquake of 1976

Situated at the **crossroads** of the **Latin**, **Germanic** and **Slavic cultures**



Boosting Engagement of Serbian Universities in Open Science
Kick-off Meeting, Novi Sad, 12-13 December 2016

Co-funded by the
Erasmus+ Programme
of the European Union



UNIUD: teaching and research



- One of the first universities in Europe to implement the **Bologna Process** since 2000
- 35 **first cycle** degree courses, 35 **second cycle** degree courses, all 14 **departments** offer **PhD programmes**
- courses in tune with the **changes in modern society** and the **new emerging professions**: Biotechnology, Big Data Management, Web and Multimedia Technology, Internet of Things, Energy Efficiency, Food Technologies, Public Relations, DAMS - Music, Cinema and Entertainment, Management Engineering, Science, Material Sciences, Telecommunications, Sciences and Techniques for Cultural Tourism and Preservation of Cultural Heritage, Medicine



UNIUD: international rôle



- Uniud coordinated 40% of the Italian projects financed by EU through the **Tempus programme** with countries of the **western Balkans**
- Uniud is part of an **academic network of national and international collaborations**, based on bilateral agreements and the European Union mobility programmes
- one of the highest Italian percentages of students who enter the **Erasmus programme**
- Uniud participates in the **Erasmus Mundus Master “Euroculture”**
- partner of the **PRAXIS Project**, a European Network aiming to setup a European Center for **Project/Internship Excellence**
- protocols with research centres & universities in China, India, Argentina, Cameroon



UNIUD & UNS collaborations



- **Tempus Project “Doctoral School Towards European Knowledge Society” (DEUKS)**
2007-2009: pilot **doctoral programme** according to the European recommendations, jointly guided by UNS and the Mathematical Institute of the Serbian Academy, Belgrade.
Institutions involved in the project: UNS (coordinator), Novi Pazar, Mathematical Institute of Belgrade, UNIUD (grant holder), Technical University di Valencia (Spain), INRIA Sophia Antipolis (France).
- **Student exchanges , joint degrees, research collaborations** since 2005
- **“Types for Proofs and Programs” (TYPES)** since 2000: research network on proof theory and logical frameworks in computer science, proof assistants for the formalization of Mathematics and correctness proofs of sw and hw systems.



- **3 missions: education, research, and third mission**
i.e. university as key player in the progress and development of the community
- **Triple Helix: mutual synergies among University, Local Administration, and Economic sector**
 - e.g. energy co-generation & district heating system to achieve the 2020 Covenant of Mayors Goals,
 - joint collaboration in the 17 UN SDG's and WHO Healthy Cities Programmes
- Research **spin-off's** and **start-up's**
- **Lifelong Learning** and Citizens empowerment
- **Science popularization**, Science Education for the public at large

UNIUD third mission



- UNIUD is an active player in the **Triple Helix**
- UNIUD acts as a **technology transfer** and **regional innovation centre** for the local Industrial and Public Administration sectors
- UNIUD fostered the development of an **S&T Park**, an incubator for knowledge-intensive SME's
- UNIUD promotes **European research** and **principled business planning**, and **research spin-off start-up companies**



Open Access at UNIUD



- 2004: UNIUD, together with other Italian universities, signs a document supporting the [Declaration of Berlin](#), an international document on the [open access of scientific publications](#)
- 2014 - ... : [technical working group on Open Access](#) at UNIUD, which includes experts on libraries, laws, and software infrastructures
- 2015: UNIUD approved a [policy for Open Access](#)
- 2015 - ... : [UNIUD Open Access Repository](#) <https://air.uniud.it/>
- 2015- ... : [Regional Open Access Repository](#) collecting products of repositories of the region <http://ricerca-fvg.cineca.it>

