



Lipari School on Computational Social Science

Jacob T. Schwartz International School for Scientific Research

Computational Social Science: Text and Decisions

July 16 - July 23, 2011, Lipari Island, Italy

Deadline: May 29, 2011

(Admission notification will start on [April 1st](#) according to registration time)



The recent growth of socially interesting data logs generated by modern media usage could hardly be overlooked by social scientists. However, traditional social scientists' analytical techniques cannot cope with databases of such large size. The fledging interdisciplinary field of Computational Social Science (CSS) includes automated information extraction as one of its foci. CSS lies at the intersection of social science, computational science, and complexity science. The new Lipari School on Computational Social Science will address this topic through seminar sessions by world-class researchers in the field. The "Text and Decisions" theme of this 2011 edition will focus on text and data mining techniques to support decision processes in the realm of social science.

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GRUPPO FIORINO, MESSINA

Despar Fiorino

List of speakers

Claudio Cioffi-Revilla

A Computational Social Science Framework for Text Analysis and Social Media Modeling [[abstract](#)].

Director of the Center for Social Complexity, Krasnow Institute for Advanced Study, George Mason University, Washington DC.

Huan Liu

Community Detection and Mining in Social Media [[abstract](#)]

School of Computing, Informatics, and Decision Systems Engineering, Arizona State University

Roel Poppinga

Computer-assisted text analysis, and the relevance of decision making and text mining [[abstract](#)]

Department of Sociology, University of Groningen

Tutorials

Marc A. Smith

Charting Collections of Connections in Social Media: Maps and Measures with NodeXL [[abstract](#)]

Chief Social Scientist

Connected Action Consulting Group

Calogero Zarba

Introduction to matrix algebra [[abstract](#)]

Neodata Intelligence s.r.l., Italy

Alessandro Pluchino

Netlogo: An agent based simulation programmable environment [[abstract](#)]

University of Catania, Italy

Participants will be arranged in a comfortable hotel at very special rates. The conference room is air-conditioned and equipped with all conference materials. Special areas are reserved to students for the afternoon coursework and study. The island of Lipari can be easily reached from Milazzo, Palermo, Naples, Messina, Reggio Calabria by ferry or hydrofoil (50 minutes from Milazzo).

Two kinds of participants are welcome. Students: Participants who are expected to do afternoon courseworks and take a final exam (The grades will be given following the [ECTS grading scale](#)). The course will involve a total of 24 hours of teaching. According to our university rules passing the final exam gives right to an equivalent of 6 ECTS credits in any Ph.D. program. Auditors: participants who are not interested in taking the final exam.

Registration fee is 450 Euros. The fee covers the course material, bus+hydrofoil Catania airport-Lipari-Catania airport, social event. Late registration is 550 Euros.

Deadline for application is **May 29, 2011** (admission notification will start on **April 1st** according to registration time). Applicants must include a short curriculum vitae and specify two professors whom letters of recommendation will be asked to, if deemed necessary. Applicants will be notified about admission by June 6, 2011.

The official language is English.

School director

Prof. Claudio Cioffi-Revilla, George Mason University, USA

Scientific Committee

Prof. Alfredo Ferro, University of Catania, Italy

Prof. Giovanni Giuffrida, University of Catania, Italy

Prof. Carlo Pennisi, University of Catania, Italy

Prof. Alberto Trobia, University of Palermo, Italy

People interested in receiving further information about the school can contact:
Lipari School Organization

Prof. Alfredo Ferro -- Susanna Caramello (Lipari School secretary)

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