



Dear Reader,

I am pleased to launch the series of Newsletter of the Department of Methods and Models for Economics, Territory and Finance (MEMOTEF). This first issue aims to present a broad outline of the facilities, the scientific activities and the organization of our Department, which employs more than 50 researchers and university professors, and 20 staff units. With the successive numbers we'll enter into details of the research lines of our scientific research groups and the results achieved; present our courses of study, the Phd's program, and other activities of higher education that we offer to not graduate students; describe our editorial proposals and announce, from time to time, our new initiatives such as seminars and conferences. Our goal is to disseminate our mission and the results of our work to a wider audience, not just academic, as well as to promote new and numerous collaborations with other national and international institutions, public and private that share our interests and know how to grasp the opportunities offered by MEMOTEF, a dynamic interdisciplinary research environment, which is animated by an excellent academic staff and supported by efficient and continually updated structures. I am confident that you will take a few minutes to scroll the number 0 of our newsletter and you'll find interest to continue to follow us. I will also be pleased to welcome any comments and suggestions you'll want to send.

Thanks and Welcome to MEMOTEF!

Alessandra

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## Memotef at a glance (who's who, services, facilities, etc...)

The Department of Methods and Models for Economics, Territory and Finance has as mission the creation of an advanced scientific research context, both nationally and internationally, based on the integration of methods, tools and approaches aiming at multidisciplinary conceptual description and the analysis of economic phenomena, land management and to support decisions in the financial sector.

It promotes and coordinates research activities on the following topics:

probability theory and statistical modelling; mathematical models, statistical and computational economics, finance and insurance; methods for social research, population and policy analysis; methods for linguistic research, languages and foreign cultures; economic and spatial analysis; economic history and regional studies. The Department conducts extra-university training activities and cooperates with several public and private institutions. The Department of Methods and Models for Economics, Finance and the Territory is located at the Faculty of Economics of the University La Sapienza.

## Library and laboratories:

The Department has two computer laboratories, a laboratory for mapping and geographic information systems, a language laboratory and a laboratory for advanced training and scientific software, for a total of 87 workstations. Twenty stations are equipped for the learning of English, French, German and Spanish in e-learning mode.

- Cartography and GIS Laboratory (5th floor Room 529)
- Advanced training and scientific software laboratory (5th floor Room 523)
- Course laboratory (3rd floor in the Bureau of faculty building)
- Informatics laboratory (1st floor Room 124)
- Multimedia center for languages (3rd floor in the Bureau of faculty building)
- Informatics laboratory (4th floor Room 407)
- There are also seven multimedia classrooms of various sizes.

The library of the Department is divided into sections, with total assets, catalogued in SBN and ACNP, more than 55,000 volumes and 1,100 periodical titles (subscriptions, gifts and exchanges editorial).



Library "Ferdinando Milone" - 5th floor



Reading room "Bruno de Finetti" - 1st floor



## News

### *CfP Annali del Dipartimento Memotef 2015 call for papers "Perspectives on behavioural sciences"*

MEMOTEF is planning the on-line issue of its Annals for the year 2015 on the theme of "Behavioural Sciences", in the broader sense of the disciplines that use the logical-cognitive mechanisms for decision-making and choice, or provide the numerical, mathematical and statistical tools to formulate and represent such mechanisms. The present Call for Papers aims to open up different perspectives on Behavioural Sciences, their interdisciplinary nature and future developments. It is addressed to scholars who are interested in demography, economic geography, economic history, linguistics and translation, law, economics, statistics and applied mathematics.

Please send an extended abstract of 1-2 pages to [annalimemotef@uniroma1.it](mailto:annalimemotef@uniroma1.it).

For additional info see more at <http://www.en.memotef.uniroma1.it/sites/dipartimento/files/Call%20for%20Paper%20Annali%20Memotef%202015%20ing.pdf>

### *European Doctoral School in Demography*

During the next two academic years 2015-16 and 2016-17 Memotef is going to host the European Doctoral School in Demography (EDSD), an intensive course on methods for the study of population and related issues. Visit our website: <http://www.en.memotef.uniroma1.it/didattica/european-doctoral-school-demography/call-application-2015/16>.

## Workshops and conferences

Since its establishment, Memotef has promoted and organized a various range of scientific events to enhance the scientific debate and promote the building of national and international scientific ties.

- On December 9-10, 2014 the Workshop "Migrations in the Mediterranean: Across Borders and Disciplines" was organized by Elena Ambrosetti and Donatella Strangio, both members of Memotef, and Catherine de Wenden, visiting researcher in the Department. Organized in cooperation with the Unesco Chair in Population, Migrations and Development of Sapienza University of Rome, CERI Sciences Po (Paris) and the French Embassy in Rome, the workshop has given a comprehensive assessment of the Mediterranean migrations overcoming the existing barriers between disciplines. The workshop has been organized in three sessions dedicated to both the theoretical debate in the field of Euro-Mediterranean migrations and to the presentation of original results of field studies about migration in the Mediterranean area.



Base image of the poster for the "Migrations in the Mediterranean .."

- On February 25-26 2015 took place the last edition of "Research Days".

Since 2009, the Department organizes an annual "Research Day", to disseminate ongoing research work, particularly by young researchers. In this context, research projects are discussed to reflect on the development of projects, to explore new projects, and enhance the national and international dissemination of the research. The event is also conceived to enhance the visibility of the PhD candidates of the Doctoral School in Economics and in Economic Geography.



Base image of the poster for the Research Day 2015



**SAPIENZA**  
UNIVERSITÀ DI ROMA

- On May 7-8 2015, the International Forum "Population, Migration and Development Beyond Borders" was organized in cooperation with the Unesco Chair on 'Population, Migrations and Development' and the Interdepartmental Centre EuroSapienza. The aim of the Forum has been to highlight the determinants and policy implications of international migration in Europe through a multidisciplinary approach, starting from the complexity of border definitions. During the Forum, C. Cecchi presented the book Cagiano de Azevedo R., C. Cecchi, A. Magistro, G. Milanetti, G. Sancetta, D. Strangio (eds.) "Oltre i Confini. Studi in onore di Giuseppe Burgio", ed. Sapienza, 2014



Base image of the poster for the "Population, Migration and Development Beyond Borders"

## Memotef Working Papers Recent Issues

Since 1995, the Department has been regularly publishing its Working Papers, which have been disseminated since 1998 by the Association ESSPER for the creation of a database made up of the indices of leading Italian periodicals and working papers in economics and social sciences.

The last published WPs with an international perspective are the following:

- n. 141/2015 - Nicola Acocella

Federico Caffè and Economic Policy as a Discipline

- n. 137/2014 - Filippo Celata, Venere Stefania Sanna

Community activism and sustainability: a multi-dimensional assessment

- n. 135/2014 - Maria Felice Arezzo, Cristina Giudici

Social capital and self perceived health among european older adults: the effect of bridging and bonding social capital.

- n. 134/2014 - Nicola Acocella

Signalling imbalances in the emu

## Memotef Research Groups

The scientific research of the Department focuses on the following areas which are closely connected to each other:

### Probability and Statistical Theory

which includes the building and application of statistical and probability models for economic and social sciences and for the analysis of financial markets; parametric and non-parametric inference; Bayesian methods; sampling; data analysis methods; models of historical series.

### Mathematical and Computational Models for Economics, Finance and Insurance

which includes mathematical, computational, deterministic and stochastic models and their applications to economic decisions, finance, actuarial sciences and social security. Among the main methods and models studied: optimization and optimal control; Markov and semi-Markov models; dynamical systems; decision theory, game theory, risk theory.

### Methods for Business Administration

which includes operational research and statistical methods for the management of firms and financial intermediaries; text and data mining.

### Methods for Social Research, Population and Policy Analysis

which includes methods of analysis for economic and social data; demographic analysis and population models; equilibrium models for welfare systems; methodology for social research; evaluation methods and monitoring of public policies.



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**Methods for Linguistic Research and Foreign Languages and Cultures**

which includes lexical and morpho-pragmatic analysis of specialized language, the study of linguistic variation; genre and discourse analysis; intercultural communication; analysis of text types using corpus linguistics methodology.

**Economic and Spatial Analysis, Economic History**

which includes analysis of performance and problems of private institutions and public organizations in macro and micro economic fields, in public economics and economic policy; global and local dimensions, development and sustainability, territorial competitiveness, geo-economic categories for policy planning and assessment at different administrative levels; history of Italian economic development, modern and contemporary history of finance and taxation; economic history of tourism and fashion; economic history of colonisation; history of integration and history of international relations; economic behaviour, social trends and environmental factors in national and regional economic accounts.

**Regional Studies**

which include analysis and governance of urban and regional structures, territorial marketing, mobility and accessibility; analysis of the productive system and local labour systems.

## Welcome Visiting Researcher

During 2014 Memotef has had the pleasure to host the following visiting professors:

- Catherine de Wenden , France, invited by Prof. Cristina Giudici
- Flavio Lins Rodrigues, Brazil, invited by Prof. Donatella Strangio
- Thomas Mc Cormick, Canada, invited by Prof. Fabio Tardella
- Ghislaine Gayraud, France, invited by Professor Lea Petrella
- Sirinvasan Raghavendra, Ireland, invited by Professor Giulia Rotundo
- Dmitrii Silvestrov, Sweden, invited by professor Raimondo Manca



Base image of the poster for the Research Day 2012