



DIPARTIMENTO DI METODI E MODELLI
PER L'ECONOMIA IL TERRITORIO E LA FINANZA
MEMOTEF



SAPIENZA
UNIVERSITÀ DI ROMA

**Decima Giornata della ricerca
del Dipartimento Memotef (21 febbraio 2019)
Facoltà di Economia, via del Castro Laurenziano 9
Aula Fanfani (V piano – ala di Storia economica)**

Interventi di:

*Lea Petrella, Fabio Baione, Rosario Barone, Janet Bowker,
Silvia Cavalieri, Adriana Conti Puorger, Alessandra De Rose,
Ersilia Incelli, Brunero Liseo, Antonio Martire, Cristina Mollica,
Imma Oliva, Stefano Patri, Chiara Prospero Porta, Mauro Rota,
Giuseppe Schinaia, Andrea Tancredi, Judith Turnbull*

GIORNATA DELLA RICERCA MEMOTEF 2019

FEBRUARY 21, 2019

Lecture Hall Fanfani, 5th floor – Faculty of Economics – Sapienza University of Rome
Via del Castro Laurenziano 9, Rome

9:15 Opening and Welcome Speech

Lea Petrella, Head of the Department

9:30 - 11:15 *The Dissemination of Contemporary Knowledge in English: Ideological and Epistemological Practices in Specialized Discourse Fields*

Discussant: Prof. Chiara Degano, (Università Roma 3)

Janet Bowker, *Models and methods in the pragma-linguistic analysis of specialized discourse domains*

Ersilia Incelli, *Variation in the discursal representation of economic inequality in the UK press*

Chiara Prosperi Porta, *Knowledge dissemination and ideology in the discourse of securitization and control*

Silvia Cavalieri, *Exploring health literacy. Web-based genres in disseminating specialised knowledge to caregivers: the case of pediatric neurological disorders*

Judith Turnbull, *Facts and feelings in the discursive construction of the “best interests of a child”*

11:15 - 11:45 Coffee break

11:45 - 13:30 *Applications of Mathematics to Risk, Insurance and Music*

Discussant: Dr. Arsen Palestini, (Sapienza University of Rome)

Fabio Baione, *An Application of Dynamic PolicyHolder Behaviour for a Lapse Risk of a Portfolio of Participating Life Insurance Policies*

Giuseppe Schinaia, *Strutturazione Matematica nella Composizione Musicale*

Antonio Martire, *A different numerical method for a class of Volterra and Fredholm integral equations*

Stefano Patrì, *Optimal Correction of the Public Debt and Fiscal Resilience Measures*

Imma Oliva, *Optimal Portfolio Allocation with Stochastic Volatility and Co-Jumps*

13:30 - 14:45 Social lunch

14:45 - 16:30 *Statistical methodologies and applications*

Discussant: Prof. Alessio Farcomeni, (Sapienza University of Rome)

Cristina Mollica, *Inferential use of a remarkable Plackett-Luce property*

Brunero Liseo, *Bayesian inference for bivariate copulas with additive models for dependence, marginal location, scale and shape*

Andrea Tancredi, *A unified framework for de-duplication and population size estimation: an application to the Syrian conflict*

Rosario Barone, *MCMC inference for semi-Markov jump processes*

16:30 - 17:00 Coffee break

17:00 - 18:30 *Economic impact of social, demographic and political strategies*

Discussant: Prof. Marcella Nicolini, (Università di Pavia)

Adriana Conti Puorger, *Polisemia della convergenza in Europa*

Mauro Rota, *Institutional shocks and social capital: evidence from the French domination in Italy*

Alessandra De Rose, *The impact of education on fertility desires in a comparative perspective: the case of Italy and Mexico*