

Workshop on “*The Time-Space Evolution of Economic Activities: Mathematical Models and Empirical Applications*”

Program - Friday, July 1st Morning

9.00-10.00

Keynote lecture: Marc Barthelemy

Institut de Physique Théorique, Commissariat à l'Energie Atomique

Time Evolution of Urban Population

Chair: Davide Fiaschi

10.00-10.30

Coffee Break

10.30-11.30

SESSION: EMPIRICS

Chair: Davide Fiaschi

Samira Barzin, “*Where Are All the Jobs? A Machine Learning Approach for High Resolution Urban Employment Prediction in Developing Countries*”
(with Paolo Avner, Rentschle Maruyama, Erik Jun)

Angelo Facchini, “*The dynamics of Italian urbanization between vulnerability and the ecological transition*”

11.30-12.00

Coffee Break

12.00-13.00

SESSION: EMPIRICS

Chair: Davide Fiaschi

Cristiano Ricci, “*The economic micro-foundation of population dynamics: a Mean-Field approach*”
(with Davide Fiaschi)

Angela Parenti, “*Italian Population Density Over Time and Space*”
(with Davide Fiaschi and Cristiano Ricci)

13.00-14.00

Lunch



Conference venue: *Dipartimento di Economia e Management, University of Pisa, Via Ridolfi 10, 56124, Pisa, Italy*

Organizing committee: *Davide Fiaschi, Fausto Gozzi, Angela Parenti, Cristiano Ricci*



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Workshop on “*The Time-Space Evolution of Economic Activities: Mathematical Models and Empirical Applications*”

Program - Friday, July 1st Afternoon

14.00-15.00

Keynote lecture: Salvatore Federico
University of Genoa

Space-time continuous models in growth and environmental economics: an overview and some new ideas
Chair: Fausto Gozzi

15.00-15.30

Coffee Break

15.30-16.30

SESSION: THEORY

Chair: Salvatore Federico

Marta Leocata, “*A Stochastic Model of Economic Growth in Time-Space*”
(with Fausto Gozzi)

Silvia Faggian, “*On competition for spatially distributed resources in networks: an extended version*”
(with Giorgio Fabbri and Giuseppe Freni)

16.30-17.00

Coffee Break

17.00-18.00

SESSION THEORY

Chair: Silvia Faggian

Giovanni Zanco, “*Human Capital and aggregation: a Mean-Field game approach*”
(with Daria Ghilli and Cristiano Ricci)

Daria Ghilli, “*Mean-Field Games models with spatial spillovers in human capital: ideas for further research*”
(with Cristiano Ricci and Giovanni Zanco)

20.00-23.00

Social Dinner at Petite Lumiere



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