



**UNIVERSITÀ
DI TRENTO**

**Dipartimento di
Matematica**



ESMTB
European Society for Mathematical
and Theoretical Biology



**DIPARTIMENTO
DI MATEMATICA
GIUSEPPE PEANO**
UNIVERSITÀ DI TORINO



**EXCELEXIA
SEVERO
OCHOA**

11th Conference on

DYNAMICAL SYSTEMS APPLIED TO BIOLOGY AND NATURAL SCIENCES DSABNS 2020

February 4-7, 2020

Economics Building - via Inama, 5 - Trento (Italy)

The conference DSABNS has both theoretical methods and practical applications and the scientific program will cover research topics in population dynamics, eco-epidemiology, epidemiology of infectious diseases, molecular and antigenic evolution and methodological topics in the natural sciences and mathematics.

Plenary Speakers

Maíra Aguiar, University of Trento | Trento, Italy & Basque Center for Applied Mathematics | Bilbao, Basque Country, Spain
Gianfranco Anfora, University of Trento | Trento, Italy
Konstantin Blyuss, University of Sussex | Sussex, UK
Susanne Ditlevsen, University of Copenhagen | Copenhagen, Denmark
Bob W. Kooi, VU University Amsterdam | Amsterdam, The Netherlands
Bas Kooijman, VU University Amsterdam | Amsterdam, The Netherlands
Anna Marciniak-Czochra, University of Heidelberg | Heidelberg, Germany
Roeland Merks, University of Leiden | Leiden, The Netherlands
Stefano Merler, Fondazione Bruno Kessler | Trento, Italy
Lucia Russo, Istituto di Ricerche sulla Combustione, CNR | Naples, Italy
Costas Siettos, University of Naples Federico II | Naples, Italy
Hal Smith, Arizona State University | Arizona, USA
Rebecca Tyson, University of British Columbia Okanagan | Vancouver, Canada

Invited Speakers

Carlos Braumann, University of Évora | Évora, Portugal
Alberto D'onofrio, International Prevention Research Institute | Lyon, France
Ilaria Dorigatti, Imperial College London | London, UK
Paulo Doutor, Nova University of Lisbon | Lisbon, Portugal
Claudia Pio Ferreira, São Paulo State University, UNESP | São Paulo, Brazil
Mimmo Iannelli, University of Trento | Trento, Italy
Piero Manfredi, University of Pisa | Pisa, Italy
Valentina Marziano, Fondazione Bruno Kessler | Trento, Italy
Christian Kuehn, Technical University of Munich | Munich, Germany
Yuliya Kyrychko, University of Sussex | Sussex, UK
Sara Pasquali, Istituto di Matematica Applicata e Tecnologie Informatiche "Enrico Magenes" | Milan, Italy
Chiara Poletto, INSERM, University of Sorbonne | Paris, France
Giovanni Putoto, Doctors with Africa CUAMM | Padova, Italy
Roberto Rosà, University of Trento | Trento, Italy
Edy Soewono, Institut Teknologi Bandung | Bandung, Indonesia
Max Souza, Fluminense Federal University | Rio de Janeiro, Brazil
Nico Stollenwerk, University of Lisbon | Lisbon, Portugal
Abdessamad Tridane, United Arab Emirates University | Al Ain, UAE
Ezio Venturino, University of Turin | Turin, Italy
Rossana Vermiglio, University of Udine | Udine, Italy

Local Organizing Committee

Maíra Aguiar, University of Trento, Italy & Basque Center for Applied Mathematics (BCAM), Spain
Giorgio Guzzetta, Fondazione Bruno Kessler, Italy
Mattia Manica, Fondazione Edmund Mach, Italy
Giovanni Marini, Fondazione Edmund Mach, Italy
Valentina Marziano, Fondazione Bruno Kessler, Italy
Stefania Ottaviano, University of Trento, Italy
Piero Poletti, Fondazione Bruno Kessler, Italy
Andrea Pugliese, University of Trento, Italy
Federico Reali, COSBI, Fondazione the Microsoft Research, University of Trento, Italy
Roberto Rosà, University of Trento, Italy
Mattia Sensi, University of Trento, Italy
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Nico Stollenwerk, Lisbon University, Portugal
Ezio Venturino, Turin University, Italy

Contacts

dsabns2020.maths@unitn.it

www.dsabns2020.maths.unitn.it

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PROVINCIA AUTONOMA DI TRENTO