

NAME

Mattia Manica



EDUCATION

MSc in Mathematics
Department of Mathematics
University of Trento
Thesis "



UNIVERSITÀ
DI TRENTO

PhD in Public Health and Infectious Diseases
Department of Public Health and Infectious Diseases
University of Rome "La Sapienza" (Rome, IT)
Thesis "



POSITION

Researcher
FBK – Fondazione Bruno Kessler
Povo (Trento), Italy



RESEARCH TOPICS

Eco-epidemiological data analysis
Vector-borne diseases models
Host-parasites interaction models
Epidemic models
Population dynamics models



$$R_{0,Lyme} = \frac{m^L \beta_1^L \psi^L L}{d_1 + \gamma + \alpha} \cdot \frac{q^N \beta_1^N H_1 \psi^N}{d_T + g^N}$$

NAME

Roberto Rosà



EDUCATION

MSc in Mathematics
Department of Mathematics
University of Trento
Thesis 'Host-macroparasite models'



UNIVERSITÀ
DI TRENTO

PhD in Biology
Department of Biological Sciences
University of Stirling (Scotland, UK)
Thesis 'The importance of aggregation in the dynamics of host-parasite interaction in wildlife: a mathematical approach'



POSITION

Associate Professor
C3A - Centre Agriculture Food Environment
University of Trento – Fondazione Edmund Mach
San Michele all'Adige (Trento), Italy



RESEARCH TOPICS

Eco-epidemiological data analysis
Vector-borne diseases models
Host-parasites interaction models
Epidemic models
Population dynamics models



$$R_{0,Lyme} = \frac{m^L \beta_1^L \psi^L L}{d_1 + \gamma + \alpha} \cdot \frac{q^N \beta_1^N H_1 \psi^N}{d_T + g^N}$$

NAME

Giovanni Marini



EDUCATION

MSc in Mathematics
Department of Mathematics
University of Trento



UNIVERSITÀ
DI TRENTO

Thesis 'A study of the impact of weather conditions on the mosquito population dynamics'

PhD in Mathematics
Department of Mathematics
University of Trento

Thesis 'The importance of climatic and ecological factors for vector-borne infections: *Culex pipiens* and West Nile virus'

POSITION

Researcher
Fondazione Edmund Mach
San Michele all'Adige (Trento), Italy



FONDAZIONE
EDMUND
MACH
CENTRO RICERCA
e INNOVAZIONE

RESEARCH TOPICS

Eco-epidemiological data analysis
Mosquito-borne diseases models
Epidemic models
Population dynamics models

