

Session Program

12-17 Jul 2026



**European Conference on Mathematical and Theoretical
Biology (ECMTB 2026)**

Stochastic models and methods in mathematical biology

University of Graz

Wednesday 15 July

11:10

Stochastic models and methods in mathematical biology

Session | Location: University of Graz, 01.22 - HS

11:10–11:30 **Branching annihilating random walk models for self-regulating populations**

Speaker

Alice Callegaro

11:30–11:50 **A spectral Koopman framework for stochastic reaction networks**

Speaker

Ankit Gupta

11:50–12:10 **Stochastic ordering tools for reaction network models**

Speaker

Giulio Cuniberti

12:10–12:30 **Remodelling selection: What is it?**

Speaker

Gabriela Gomes

12:30

Thursday 16 July

10:40

Stochastic models and methods in mathematical biology

Session | Location: University of Graz, 01.22 - HS

10:40-11:00

Mean field limit of non exchangeable interacting diffusions on co-evolutionary networks

Speaker

Julian Cabrera-Nyst

11:00-11:20

The effects of individual versus community-influenced isolation on SIS epidemic persistence on finite random graphs

Speaker

Matthew Wascher

11:20-11:40

Self-intersection local times for Volterra Gaussian processes: Applications to polymer models

Speaker

Olga Izyumtseva

11:40-12:00

Information and Energy in Stochastic Reaction Networks

Speaker

Heinz Koepl

12:00