

**Session Program**

12-17 Jul 2026



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

***Methodological Advances in Modeling Human Behavior and  
Infectious Disease Spread***

University of Graz

## Tuesday 14 July

10:40

### Methodological Advances in Modeling Human Behavior and Infectious Disease Spread

Session | Location: University of Graz, 15.02 - HS

10:40–11:00

#### Information delays, network structure and adaptive human behavior jointly shape epidemic dynamics

Speaker

Claus Kadelka

11:00–11:20

#### Coupled Dynamics: How Genes Shape Epidemics (and Epidemics Shape Genes)

Speaker

Joan Ponce

11:20–11:40

#### Models that ignore behavior underestimate the basic reproduction number

Speaker

Marko Lalovic

11:40–12:00

#### Highlights of projects funded through the Mathematical Biology program and other initiatives at the US NSF

Speaker

Zhilan Feng

12:00