

Session Program

12-17 Jul 2026



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

***Stochastic and Deterministic Methods in Mathematical
Biology: From Theory to Computation***

University of Graz

Thursday 16 July

10:40

Stochastic and Deterministic Methods in Mathematical Biology: From Theory to Computation

Session | Location: University of Graz, 15.11 - HS

10:40–11:00 **Optimal Bandwidth Selection in Biological Field Effect Transistor Measurements**

Speaker

Luis Melara

11:00–11:20 **Mathematical Tumor Growth Models**

Speaker

Maeve Wildes

11:20–11:40

A Numerical Method for a Singular Integrodifferential Equation Model of Biosensor Dynamics

Speaker

Ryan Evans

11:40–12:00 **Probabilistic Cellular Automaton Modeling for Monolayer Degredation in Biosensors**

Speakers

Anthony Kearsley, Ryan Evans, Wes Caldwell

12:00