

Session Program

12-17 Jul 2026



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

***Viscoelastic and multifunctional modelling and applications in
biology (on the occasion of the 60th birthday of Victor A.
Kovtunenکو)***

University of Graz

Thursday 16 July

10:40

Viscoelastic and multifunctional modelling and applications in biology (on the occasion of the 60th birthday of Victor A. Kovtunenکو)

Session | Location: University of Graz, 02.11 - HS

10:40–11:20 What Has Biology Done for Mathematics: Nondegenerate vs Degenerate

Speaker

Messoud Efendyev

11:20–11:40 A Cell–Cell Adhesion Model: Local Well Posedness

Speaker

Anna Zhigun

11:40–12:00 State-Dependent Sweeping Process Approach to Modeling of Networks with Softening

Speaker

Ivan Gudoshnikov

12:00

15:10

Viscoelastic and multifunctional modelling and applications in biology (on the occasion of the 60th birthday of Victor A. Kovtunenکو)

Session | Location: University of Graz, 02.11 - HS

15:10–15:30 Recent Results on Sweeping Processes with Asymmetric Continuity Properties

Speaker

Vincenzo Recupero

15:30–15:50 Variational Modeling of AFM Indentation of Living Cells with a Pericellular Coat

Speaker

Prof. Ivan Argatov

15:50–16:10 On the Mathematical Analysis of Generalized Fractional Viscoelastic Models

Speaker

Hiromichi Itou

16:10–16:30 Towards Robust Quantitative Photoacoustic Tomography

Speaker

Andreas Hauptmann

16:30