

**Session Program**

12-17 Jul 2026



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

***Bridging Structure and Dynamics in Biological Networks***

University of Graz

# Monday 13 July

15:00

## Bridging Structure and Dynamics in Biological Networks

Session | Location: University of Graz, 11.01 - HS

15:00–15:40 **A Research Program on Modularity in Biological Systems**

**Speaker**

Reinhard Laubenbacher

15:40–16:00 **Design principles of complex cellular decision-making networks in cancer**

**Speaker**

Mohit Kumar Jolly

16:00–16:20 **Biconnected components and structural robustness in directed networks**

**Speaker**

Byungjoon Min

16:20

17:00

## Bridging Structure and Dynamics in Biological Networks

Session | Location: University of Graz, 11.01 - HS

17:00–17:20

**Attractors are less stable than their basins: Canalization creates a coherence gap in gene regulatory networks**

**Speaker**

Claus Kadelka

17:20–17:40 **Principles of dynamical modularity in biological regulatory networks**

**Speaker**

Erzsebet Regan

17:40–18:00 **Network dynamical stability analysis of age-related health**

**Speaker**

Glen Pridham

18:00–18:20

**From self-sustained intracellular oscillations to whole-cell network organization in *Physarum polycephalum***

**Speaker**

Linnéa Gyllingberg

18:20