

Session Program

12-17 Jul 2026



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

***Vertex Models in Tissue Mechanics and Morphogenesis:
Bridging Cell-Scale Forces to Multicellular Dynamics***

University of Graz

Monday 13 July

10:40

Vertex Models in Tissue Mechanics and Morphogenesis: Bridging Cell-Scale Forces to Multicellular Dynamics

Session | Location: University of Graz, 02.23 - HS

10:40–11:00

Mechanosensitive Feedback Organizes Cell Shape and Motion During Hindbrain Neuropore Morphogenesis

Speaker

Fernanda Pérez Verdugo

11:00–11:20

Linking vertex models with experiments in tissue morphogenesis

Speaker

Gonca Erdemci-Tandogan

11:20–11:40

MS127-3

Speaker

Osvaldo Chara

11:40–12:00

A quantitative vertex model of neural tube closure informed by imaging data

Speaker

Rubén Perez-Carrasco

12:00