

Session Program

12-17 Jul 2026



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

Collective dynamics at multiple scales

University of Graz

Tuesday 14 July

10:40

Collective dynamics at multiple scales

Session | Location: University of Graz, 03.01 - HS

10:40–11:00

How perception and neural weighting can drive the geometry of decision-making in target pursuit

Speaker

Christopher Strickland

11:00–11:20

Small Organism Collective Behavior in Fluid Environments

Speaker

Margie Knight

11:20–11:40

Pattern formation through collective behavior in plant pigment systems

Speaker

Patrick Shipman

11:40–12:00

Data Assimilation and Model Selection for Collective Motion in Locust Swarms

Speaker

Rebecca Everett

12:00