

**Session Program**

12-17 Jul 2026



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

***Making cells dance: modelling gene regulation and cell fate  
from transcriptomics***

University of Graz

# Tuesday 14 July

10:40

## Making cells dance: modelling gene regulation and cell fate from transcriptomics

Session | Location: University of Graz, 11.03 - HS

10:40–11:00

### Inferring RNA processing dynamics across cell states and fates from single-cell snapshot data

Speaker

Tara Chari

11:00–11:20

### Inferring Cellular Dynamics through Ordered Diffusion Kernels

Speaker

Jack Soulsby

11:20–11:40

### Inferring causal gene regulatory relationships from time-resolved single-cell transcriptomics

Speaker

Dimitris Volteras

11:40–12:00

### Decoding gene regulatory networks and cellular dynamics

Speaker

Weixu Wang

12:00