

Session Program

12-17 Jul 2026



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

***Spatial Ecology: Analysis of population distributions and
spatial patterns***

University of Graz

Wednesday 15 July

11:10

Spatial Ecology: Analysis of population distributions and spatial patterns

Session | Location: University of Graz, 03.01 - HS

11:10–11:30

Community-Level distribution modelling of endangered pelagic bycatch species: a joint modelling approach

Speaker

Clara Lereboug

11:30–11:50

Restoring oyster reefs by optimizing metapopulation connectivity

Speaker

Dr Leah Shaw

11:50–12:10

Computational topology methods for spatial population pattern quantification

Speaker

Dr Sarah Day

12:10–12:30

Prediction of spatial population collapse with coarse grain population distribution pattern data

Speaker

Dr Laura Storch

12:30