

Session Program

12-17 Jul 2026



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

Methods in applied population dynamics

University of Graz

Monday 13 July

15:00

Methods in applied population dynamics

Session | Location: University of Graz, 15.06 - HS

15:00–15:20 **Bifurcation Structures in Low-Dimensional Models of Ant–Coffee Berry Borer Dynamic**

Speakers

Carlos Andrés Trujillo-Salazar, Deissy Milena Sotelo-Castelblanco, Gerard Olivar-Tost

15:20–15:40

A Matrix-Based Framework for Structured Inheritance in Population Dynamics: Bilinear Forms for One- and Two-Sex Models

Speakers

Christian E. Schaerer, Pastor Pérez-Estigarribia

15:40–16:00

About the Combination of Control Tools Against the Oriental Fruit Fly Using a Metapopulation Approach

Speaker

Yves Dumont

16:00–16:20

Modelling Movement and Stage-Specific Habitat Preferences of a Polyphagous Insect Pest

Speaker

claudia ferreira

16:20