

# MBMC 2022

## Mathematical Biology on the Mediterranean Summer School and Workshop

FORTH research centre, Heraklion, Crete, Greece

<https://mbmc22.iacm.forth.gr/>



Summer School, August 29 - September 2

Lecturers:

**Klemens Fellner**, University of Graz:  
*Reaction-diffusion equations with applications  
to biological dynamical processes*

**Marek Kimmel**, Rice University: *Tracing cancer  
evolution based on molecular-level measurements*

**Sylvie Méléard**, École Polytechnique:  
*Interplay between scales for eco-evolutionary  
mathematical models: from stochastic to PDEs*

**Yannis Papaharilaou**, IACM, FORTH:  
*Computational Modelling of Blood Flow  
in the Human Cardiovascular System*

**Benoît Perthame**, Sorbonne Université:  
*Structured equations and Monge-Kantorovich distance*

**Emmanuel Trélat**, Sorbonne Université:  
*Topics in optimal control with applications in biology*

Workshop, September 5-6

Keynote speakers:

**Mats Gyllenberg**, University of Helsinki

**Dina Lika**, University of Crete

**Christian Schmeiser**, University of Vienna

**Philip K. Maini**, University of Oxford

**Organisers:** Luís Almeida, Giorgia Ciavolella, Jean Clairambault, Noemi David,  
Dimitrios Katsaounis, Theodoros Katsaounis, Alexandre Poulain, Nikolaos Sfakianakis

