



UNIVERSIDAD
DE GRANADA

Vicerrectorado de
Investigación y
Transferencia

BIOMAT 2021 GRANADA (ref.2455)

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Mathematical Modeling, Mechanics and Biology

A course organized in a series of weekly seminars on current topics of mathematical modeling in developmental biology, biophysics, biomechanics and biomedicine aimed at researchers in training and the entire scientific community.

List of extended 1-hour seminars starting at 16:30 hours (EU time). They are open seminars but require prior registration at

<https://www.modelingnature.org/internationalphdschool2021>

Seminars:

- February 3: José Antonio Carrillo, University of Oxford, UK. Aggregation-Diffusion models for differential adhesion and applications
- February 10: Nicola Bellomo, University of Granada, Spain. Mathematical Models for Covid-19 Pandemics in a Globally Connected World
- February 17: Alex Mogilner, Courant Institute, New York, USA. Mathematics of Mitotic Spindle
- February 24: Anna Marciniak-Czochra, Heidelberg University, Germany. TBA
- March 3: Benoît Ladoux, Jacques Monod Institute, CNRS & University of Paris, France. TBA
- March 10: Thomas Hillen, University of Alberta, Canada. Mathematical Modelling of Metastasis
- March 17: Andreas Deutsch, Technical University of Dresden, Germany. Collective effects in cancer invasion and progression
- March 24: Philip Maini, University of Oxford, UK. Modelling collective cell movement in biology and medicine

IMPORTANTE: La información que aquí se detalla es simplemente un resumen de la convocatoria. Tiene únicamente carácter informativo, debiendo el interesado leer la convocatoria para conocer todos los aspectos de ésta.

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