

Workshop

Physics of the Early Embryonic Cell Divisions



Funded places for early-career researchers

Early embryogenesis constitutes a biological and physical conundrum: How can a single fertilised cell self-organise into a highly complex multicellular organism? Recent advances in microscopy of the living embryo as well as complementary *in vitro* and embryoid systems have made the early embryo amenable to highly quantitative temporal and spatial measurements.

This Workshop will bring together theoreticians and experimentalists studying the early embryonic processes in different organisms. We will discuss new discoveries, concepts, and perspectives and develop a coherent understanding and language. In this way, we hope to facilitate new collaborations and strengthen this highly interdisciplinary community.

Organisers

Lendert Gelens
Julia Kamenz

Speakers

Sophie De Buyl
Stefano Di Talia
Jordi Garcia Ojalvo
Nathan Goehring
Andrew Goryachev

Jennifer Landino
Nicolas Minc
Robert Philips
Diana Pinheiro
Simone Reber

Jonathan Rodenfels
Silvia Santos
Sebastian Streicher
Herve Turlier
Qiong Yang

Secure your place* alongside leading experts and other early-career researchers from a diverse range of scientific backgrounds.

Deadline: 17 May 2024