

# Workshop

## Fostering Quantitative Modelling and Experimentation in Developmental Biology



10 – 13 July 2022  
Buxted Park  
East Sussex  
UK



### Funded places for early-career researchers

The primary aim of this Workshop is to bring together world-leading theory and experimental researchers studying organismal growth and development through quantitative approaches. A notable feature is in the diversity of subjects- it is not focused on a particular sub-field of development. Rather, it is unified by the approaches taken to study development. It will provide a forum where intellectual connections can be established among the diverse participants studying a broad spectrum of problems and models, lowering the barriers to interdisciplinary research.

Topics for discussion include:

- self-organisation of multicellular systems
- tissue-scale mechanics
- complex dynamics of gene expression during development
- network perspective of gene regulation.

The Workshop will provide a highly interactive forum, where researchers are invited to present their most recent unpublished work.

### Organisers

Sarah Bray  
Richard Carthew

### Speakers

- Alex Aulehla
- Ruth Baker
- Buzz Baum
- James Briscoe
- Eileen Furlong
- Frank Jülicher
- Ryoichiro Kageyama
- Mounia Lagha
- Thomas Lecuit
- Madhav Mani
- Caren Norden
- Tatjana Sauka-Spengler
- Amy Shyer
- Eric Siggia
- Magali Suzanne

Secure your place alongside leading experts and other early-career researchers. Applicants from diverse scientific backgrounds are encouraged.

**Deadline: 7 January 2022**

To find out more or apply online visit [workshops.biologists.com](https://workshops.biologists.com)

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