

# Workshop

## Democratising Microscopy in Latin America: Imaging Across Scales and Regions



### Funded places for early-career researchers

Through this Workshop we aim to enable early-career researchers from the Global South to network with scientists from around the globe and across multiple fields of science and to exchange ideas on microscopy technology and applications, become familiar with open hardware and software projects that can be adapted, to discuss approaches for future microscopy-based research and to foster collaborations.

Topics for discussion include:

- Microscopy in Latin America, focusing on examples of lightsheet, FLIM, cryo-EM and AFM
- Open Hardware for affordable microscopy

- Open Software for affordable and accessible image analysis
- Outreach, dissemination and open science initiatives in microscopy
- The value of applied microscopy to solve local questions and advance local research. This will include infectious diseases, agriculture, ecology and developmental biology
- The value of microscopy in education
- Opportunities for Global South researchers in microscopy
- Resources and networks to support Global South researchers

### Organisers

Constadina Arvanitis  
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### Speakers

Federico Brown  
Santiago Casado  
Teng-Leong Chew  
Benedict Diedrich  
Estibaliz Gómez-de-Mariscal  
Hernán E. Grecco

Adán Guerrero  
Ricardo Henriques  
Anna Kreshunk  
Federico Lecumberry  
Lucía López  
Kildare Miranda

Iván Rey  
Aníbal Vargas Ríos  
Andrés Romero-Carvajal  
Tobias Wenzel  
Flavio Zolessi

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

**Deadline: 14 February 2025**

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

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