

# MATURATION AND PLASTICITY IN BIOLOGICAL AND ARTIFICIAL NETWORKS

**OCT 21  
OCT 25**

This workshop will bring together experts in system neuroscience, neural circuit developments and computational neuroscience. Our aim is to allow these different fields to confront their vision of how network maturation – biological and artificial - leads to the emergence of new or refined cognitive capabilities. We hope that this workshop will foster future collaboration between experimentalists and theoreticians in integrative neuroscience.es.

## **SPEAKERS**

Omri Barak (Technion-Haifa, Israel)  
Laurent Bourdieu (IBENS-Paris, France),  
Francesca Caccuci (University College London, United Kingdom)  
Rosa Cossart (INMED-Marseille, France)  
Alexis Dubreuil (University of Bordeaux, France)  
J erome Epsztein (INMED-Marseille, France)  
Wulfram Gerstner (EPFL, Switzerland)  
Heiko Luhmann (University of Mainz, Germany)  
Rhein Parry (Aston University, United Kingdom)  
Tania Rinaldi Barkat (University of Basel, Switzerland)  
Hitoshi Sakano (University of Fukui, Japan)  
Jordi Soriano (University of Barcelona, Spain)

## **SCIENTIFIC COMMITTEE**

F. del Bene (Inst. de la vision Paris)  
L. Bourdieu (IBENS Paris)  
J. Gjorgjieva (MPI Brain Research, Frankfurt)  
H. Rouault (CPhT & INMED Marseille)  
F. Zeldenrust (Radboud Univ. Nijmegen)

## **ORGANIZERS**

G. Debr egeas (Sorbonne Univ. Paris)  
R. Monasson (ENS Paris)

## **MORE INFORMATION**

[http://www.phys.ens.fr/~monasson/Cargese2024/workshop\\_cargese\\_2024.htm](http://www.phys.ens.fr/~monasson/Cargese2024/workshop_cargese_2024.htm)  
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## **ONLINE APPLICATION**

<https://iesc-inscriptions.fr>

Registration fee amount to about 320 euros to 400 euros (+VAT)

The price includes housing, breakfasts, lunches & social dinner

Places will be limited to 60 participants with the possibility to present their talk

## **DEADLINE FOR APPLICATIONS**

2024, July 15th



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