

Pregramme des sessions

2-13 juin 2025

COLOURS

COLOURS School

Institut Pascal
Rue André Rivière 91400 Orsay France

lun. 2 juin

10:50

COLOURS School: Opening

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Samuel Farrens

10:50 - 11:10

Welcome to the Institut Pascal

Orateur

Yves BALKANSKI

11:10 - 11:30

Welcome to COLOURS

Orateur

Samuel Farrens

11:30

11:30

COLOURS School: Cosmology I

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Calum Murray

11:30 - 13:00

Clustering around clusters with Euclid Q1 data

Orateur

Calum Murray

13:00

14:30

COLOURS School: Cosmology II

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Natalia Porqueres

14:30 - 16:00

Field-level and simulation-based inference - Part I

Orateur

Natalia Porqueres

16:00 - 16:30

Coffee

16:30 - 18:00

Field-level and simulation-based inference - Part II

Orateur

Natalia Porqueres

18:00

mar. 3 juin

09:30

COLOURS School: Data Science I

Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay France | Responsable de session: Samuel Farrens

09:30 - 11:00 Scientific Software Development - Part I

Orateur
Samuel Farrens

11:00 - 11:30 Coffee

11:30 - 13:00 Scientific Software Development - Part II

Orateur
Samuel Farrens

13:00

14:30

18:00

COLOURS School: Data Science II - Group B

Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay France

14:30

18:00

COLOURS School: Pasqal Site Visit - Group A

Session | Site: Pasqal, 102 Av. de Paris, 91300 Massy

mer. 4 juin

09:30

COLOURS School: Communication

Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay France | Responsable de session: Melissa Ann Thomas

09:30 - 11:00

Scientific communication tutorials: The importance of well-written grant proposals and effective research presentations - Part I

Orateur

Melissa Ann Thomas

11:00 - 11:30

Coffee

11:30 - 13:00

Scientific communication tutorials: The importance of well-written grant proposals and effective research presentations - Part II

Orateur

Melissa Ann Thomas

13:00

14:30

18:00

COLOURS School: Data Science II - Group A

Session | Site: Institut Pascal, Rue André Rivière 91400 Orsay France

14:30

18:00

COLOURS School: Pasqal Site Visit - Group B

Session | Site: Pasqal, 102 Av. de Paris, 91300 Massy

jeu. 5 juin

09:30

COLOURS School: Cosmology III

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Stefano Camera

09:30 - 11:00 **Crosses and Chains - Part I**

Orateur

Stefano Camera

11:00 - 11:30 **Coffee**

11:30 - 13:00 **Crosses and Chains - Part II**

Orateur

Stefano Camera

13:00

14:30

COLOURS School: Cosmology IV

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Giovanni Aricò

14:30 - 16:00 **How to simulate the large-scale structure of the Universe - Part I**

Orateur

Giovanni Aricò

16:00 - 16:30 **Coffee**

16:30 - 18:00 **How to simulate the large-scale structure of the Universe - Part II**

Orateur

Giovanni Aricò

18:00

ven. 6 juin

09:30

COLOURS School: Cosmology V

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France | **Responsable de session:** Andrina Nicola

09:30 – 11:00

Putting it all together - an (incomplete) guide to cosmological probe combination - Part I

Orateur

Andrina Nicola

11:00 – 11:30

Coffee

11:30 – 13:00

Putting it all together - an (incomplete) guide to cosmological probe combination - Part II

Orateur

Andrina Nicola

13:00

14:30

COLOURS School: Transferable Skills

Session | **Site:** Institut Pascal, Rue André Rivière 91400 Orsay France

14:30 – 14:50

Fighting Financial Crime with Weak Lensing and Intensity Mapping

Orateur

Prina Patel

14:50 – 15:10

Generative AI at Carl ZEISS: Riding the runaway train

Orateur

Ben Hoyle

15:10 – 15:30

The Dynamics of Artificial Minds: Movement, Creativity, and Open-Ended Innovation

Orateur

Denise Lanzieri

15:30 – 15:50

Datasets dictionary learning and applications to frugal AI

Orateur

Fred Ngolè

15:50 – 16:20

Coffee

16:20 – 17:50

Panel Discussion on transferable skills

Orateur

Samuel Farrens

18:00