

ChronoSchool

BIOLOGICAL RHYTHMS, FROM BASICS TO CLINICS

Collège Doctoral Européen, 46 Boulevard de la Victoire

REGISTRATION & MORE INFO at

https://chronoschool24.sciencesconf.org

Deadline September 10th 2025

Organizing comittee: Valérie SIMONNEAUX (Coordinator), Etienne CHALLET, Marie-Paule FELDER, Clémentine FILLINGER, Tsvetan SHERCHOV

Monday, October 27th

9h00-9h45: Registration

9h45-10h00: **Presentation of the ChronoSchool**

10h00-11h00: General introduction: What are biological rhythms?

P. Vuillez

11h15-13h30: Lunch (packed lunch)

Visit of the Astronomic Clock

13h30-18h: **PhD student's brief oral presentations 19h00-22h00: International potluck dinner at INCI**

Tuesday, October 28th

9h00-10h30: Molecular mechanisms of circadian clocks

U. Albrecht & M.P. Felder

10h30-11h00: Coffee break

11h00-12h30: Environmental entrainment of biological clocks

O. Dkhissi-Benyahya & E. Challet

12h45-13h45: Lunch at Le 32 Restaurant*

14h00-18h00: Practical courses (2 choices) (see below)

19h00-22h30: Alsatian dinner at INCI

Wednesday, October 29th

9h00-10h30: Central and peripheral clocks in metabolism

F. Delaunay & H. Oster

10h30-11h00: Coffee break

11h00-12h30: Sleep in rhythms & rhythms within sleep

P. Bourgin & H.P. Landolt

12h45-13h40: Lunch at Le 32 Restaurant*

14h00-18h00: Practical courses (2 choices) (see below)

18h00-19h00: Aperitif during Round Tables

Thursday, October 30th

9h00-10h30: Melatonin from biology to therapeutic tools

D. Skene & P. Klosen

10h30-11h00: Coffee break

11h00-12h30: **Seasonal rhythms in the wild and in the lab**

A. West & V. Simonneaux

12h45-13h45: Lunch at Le 32 Restaurant*

14h00-17h30: Visit of local platforms

1. Chronobiotron (Animal facility) (D. Ciocca & S. Reibel)

2.CIRCSom (Human chronobiology platform) (L. Hugueny & L. Lecourtier)

18h00-20h00: Visit of Strasbourg boat tour

Free evening

Friday, October 31th

9h00-10h30: Clock under environmental light pollution and endocrine

disruption A. Berry & X. Bonnefont

10h30-11h00: Coffee break

11h00-12h30: Rhythms with cancers and psychiatric disorders

S. Dulong & T. Serchov

12h45-13h45: Lunch at Le 32 Restaurant*

14h00-15h30: Circadian rhythm, sleep wake disorders & human health

C. Gronfier & U. Kilic-Huck

15h30-16h15: Hot topic: Circadian Rhythm Challenges during Space

Missions V. Wotring

16h15-16h30: Concluding remarks and students' feedback

Practical courses

Behavioural analysis in social group (IntelliCage)

T. Serchov

Bioluminescence in molecular rhythms

C. Sandu & M.P. Felder

Brain fiber photometry

C. Fillinger & X. Bonnefont

Circadian data analysis and modeling

D. Gonze

Circadian rhythms in planarians

H. Cadiou



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