STRASBOURG October 27-31th 2025

ChronoSchool

BIOLOGICAL RHYTHMS, FROM BASICS TO CLINICS

Collège Doctoral Européen, 46 Boulevard de la Victoire

for Master and PhD students

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**

Friday, October 31th

9h00-10h30: **Molecular mechanisms of circadian clocks** *U. Albrecht & M.P. Felder*

10h30-11h00: Coffee break

Tuesday, October 28th

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 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*

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

*32 Boulevard de la Victoire

14h00-15h30: Circadian rhythm, sleep wake disorders & human health C. Gronfier & J.A. Micoulaud-Franchi
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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