

# Proseminars 2024/2025 program

## Fall 2024 - Thursday at 10.15 in 0.51

Date	Name	Topic
19.09.2024		Introduction
24.10.2024	Erwan Gendre	Limitations for the travel speed of large animals. (V.T.)
31.10.2024	Kevin Bart	Crowd dynamics: Models, behaviors and disasters
07.11.2024	Léo Mayques	Quantum computing. (J.M.)
14.11.2024	Christelle Clément	Why can't you separate interleaved books? (V.T.)
21.11.2024	Maëva Gisichig	How do immobile plants adapt to ever-changing light conditions? (V.T.)
28.11.2024	Andrin Reber	Comment mesurer un processus plus rapide que 1fs. (C.M.)
05.12.2024	Esteban Yanez	Rayleigh Plateau instability (V.T.)
12.12.2024		reserved

## Spring 2025 – Thursday at 9.15 in 0.51

Date	Name	Topic
20.02.2025	Léa Hubert Jonas Hoecker	L'oscillateur harmonique, classique et quantique (short talk) l'expansion de l'espace (short talk)
27.02.2025	David Berset	Nuclear Fusion
06.03.2025	Léa Hubert	Cavitation and bubble dynamics (J.B.)
13.03.2025	Jonas Hoecker	Random walks in d dimensions (I.B. & Y.C.Z)
20.03.2025	Saad Mada	Why does water shoot higher when we partially block the garden hose outlet? (H.B.)
27.03.2025	Yann Saugy	TBD
03.04.2025	Leonardo Nicchiotti	TBD
10.04.2025	Marwen Ouerghemmi	Principles of holography (P.M.)
17.04.2025	Tristan Diotte	Maxwell equations from gauge invariance. (J.B.)
01.05.2025	Thomas Rey	The physics of squash. (J.B.)
15.05.2025		reserved
22.05.2025		reserved