Pregramme des sessions

18–20 nov. 2026

Journées de l'AT-PEM 2026 - Défis numériques en astrophysique des hautes énergies

Flash talks

Sorbonne Université, campus Jussieu, Amphithéâtre Charpak
4 Place Jussieu, 75005 Paris, France

mer. 18 novembre

17:00

Flash talks: Transport and diffuse backgrounds

Session | **Site:** Sorbonne Université, campus Jussieu, Amphithéâtre Charpak, 4 Place Jussieu, 75005 Paris, France

17:00 – 17:02 **Probing Diffuse Radio Emission from Pulsars in Terzan 5 with Simulation-Based Inference**

Orateur
Dr Adrian Faucher

17:08 – 17:10 **GRAND and HERON projects**

Orateur
Olivier Martineau

17:15

jeu. 19 novembre

12:00

Flash talks: Relativistic jets

Session | **Site:** Sorbonne Université, campus Jussieu, Amphithéâtre Charpak, 4 Place Jussieu, 75005 Paris, France

12:00 – 12:02 **Synchrotron emission from cooling internal shocks**

Orateur
Arthur Charlet

12:08 – 12:10 **GRB afterglows from radio to very high energies**

Orateur
Clément Pellouin

12:12 – 12:14 **Jets from gamma-ray AGN analyzed via radio VLBI and Gaia optical data**

Orateur
HELENE SOL

12:15

17:30

Flash talks: Supernovae

Session | **Site:** Sorbonne Université, campus Jussieu, Amphithéâtre Charpak, 4 Place Jussieu, 75005 Paris, France

17:30 – 17:32 **Resonance-induced modulations of multimessenger emission in core collapse supernovae**

Orateur
Dr Marco Cusinato

17:35 – 17:37 **Electron-Ion Energy Partition in High Mach-Number Perpendicular Shocks**

Orateur
Xingwei Gong

17:40 – 17:42 **Impact of the Si/O interface on supernova explosions**

Orateur
Nicolas Houry

17:45

ven. 20 novembre

12:00

Flash talks: Accreting black holes

Session | **Site:** Sorbonne Université, campus Jussieu, Amphithéâtre Charpak, 4 Place Jussieu, 75005 Paris, France

12:00 – 12:02 **How do the first Massive Black Holes Grow?**

Orateur
Emile Dosso

12:04 – 12:06

Detailed Modeling of Stochastic Particle Acceleration and Multi-Messenger Emission in AGN Coronae

Orateur
Sébastien Le Bihan

12:08 – 12:10

Hunting for Steady, Luminous, Thermal Black Hole Disks in angle-dependent RGRMHD simulations

Orateur
Maxime Parra

12:15

16:45

Flash talks: Magnetospheres

Session | **Site:** Sorbonne Université, campus Jussieu, Amphithéâtre Charpak, 4 Place Jussieu, 75005 Paris, France

16:45 – 16:47

Fast Radio Burst Generation by Relativistic Magnetized Shocks in Magnetar Magnetospheres

Orateur
Gaia Bilosi

16:53 – 16:55 **Unravelling the emission of old pulsars at the highest energies with Fermi-LAT**

Orateur
Léo Lam Kon Seng

16:57 – 16:59 **Spin-orbit alignment hypothesis in millisecond pulsars**

Orateur
Alexandra Lorange

17:00