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PLAS@PAR
Plasmas à Paris

HOME RESEARCH TEACHING ACTIONS OUTREACH ORGANIZATION

PLAS@PAR NEWS

Stay connected with the plasma community

Newsletter - WEEK 16

Qui suis-je ?

Je suis membre de la Fédération de recherche PLAS@PAR, mais lequel d’entre nous ?

1- Je suis théoricien attaché aux analyses des données.
2- J’étudie les plasmas spatiaux.
3- Si j’étais un plasma, je voudrais être une queue de comète.
4- Si les plasmas étaient une œuvre, ce serait Jupiter et Sémélé de Gustave Moreau (référence a la planète jupiter, au dieu de la foudre).
5- Si les plasmas étaient une couleur, ce serait le Jaune ou le rouge d'une flamme.
6- Si les plasmas étaient un sport, ce serait le foot, phénomène collectif (et artistique).

Alors, qui suis-je ?
Rendez-vous dans la prochaine newsletter pour le découvrir !

Enjeux Environnementaux

Référents Enjeux Environnementaux de la FSI

La Faculté des Sciences de Sorbonne Université a mis en place un réseau de référents Enjeux Environnementaux. Beaucoup de labos ont déjà des référents (LPP, LERMA, LESIA, LCPMR, LKB, IAP, INSP par exemple). Ce réseau permet de mettre en commun des informations (pour faire le bilan carbone du labo, par exemple) et de faire remonter des demandes communes (la dernière concerne la politique de tri du campus).

Si d'autres labos veulent se joindre, n'hésitez pas, contactez Laurence Rezeau (laurence.rezeau@sorbonne-universite.fr) pour connaitre la date de la prochaine réunion.

>>> Sent by Laurence Rezeau

Education

L’Académie des sciences se mobilise pour les scientifiques ukrainiens

Aujourd'hui, forte de ses liens scientifiques nationaux et internationaux, l’Académie des sciences met en place un Comité des Scientifiques pour l'Ukraine (CSU) pour :

• Accueillir, accompagner et soutenir la communauté scientifique ukrainienne, ainsi que les familles des scientifiques, dans leur exil en France ;

• Constituer une plateforme d’échange d’informations avec les institutions scientifiques ukrainiennes et de soutien aux chercheurs restés en Ukraine ;

• Accompagner les équipes pédagogiques accueillant des enfants d’Ukraine dans les classes en France, avec la collaboration de la Fondation La main à la pâte.

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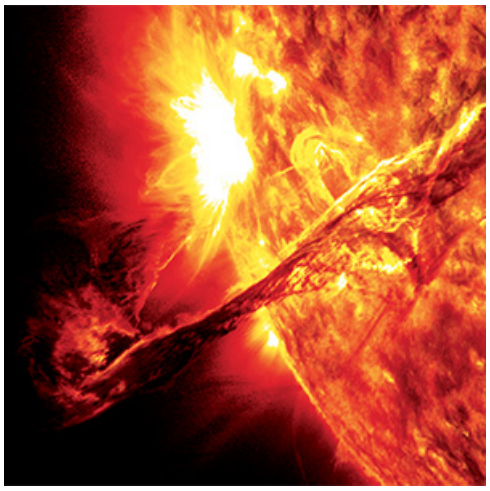
>>> Sent by Laurence Rezeau

Meeting



Meeting : Turbulent dissipation in space plasmas.

This meeting will bring together experts on plasma turbulence in the solar wind and Earth's magnetosphere to discuss the latest cutting-edge results on the role of collisionless plasma processes in turbulent energy dissipation from the revolutionary MMS and PSP spacecraft. These discussions will provide crucial input for the ongoing science operations of these and future space missions.
Please request an invitation on this website to register. The registration to this meeting is free of charge. There will be a poster session on Monday 30 May. If you would like to apply to present a poster, please submit your proposed title and abstract to the Scientific Programmes team of the Royal Society no later than 03 May 2022 (for details, please see the website). Please note that places are limited. Poster abstracts will only be considered if the presenter has requested an invitation to attend the meeting.

The schedule of talks and speaker biographies are available on the website :

WEBSITE

>>> Sent by Lina Hadid

Virtual Seminar

Wednesday 11th of May 2022, at 15:00 Virtual Seminar

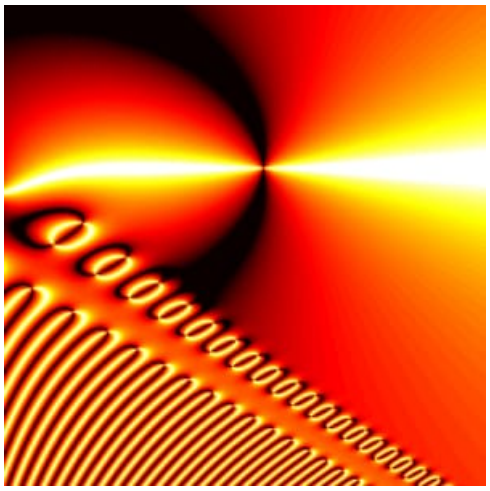
Particle acceleration by pressure anisotropy plasma instabilities : from solar flares to black hole accretion disks Mario Riquelme, Universidad de Chile Pressure anisotropies naturally arise in weakly collisional plasmas, and are ultimately limited by the pitch-angle scattering by various pressure anisotropy-unstable, kinetic plasma modes.

About the speaker : Mario Riquelme obtained his PhD in the Department of Astrophysical Sciences, Princeton University (2012). He then moved for Postdoc in the Department of Astronomy. UC Berkeley. He is currently an Assistant Professor at the Physics Department of University of Chile.

>>> Sent by Andrea Ciardi

REGISTER HERE

Appel à projets



OUVERTURE APPELS À PROJETS DIM ORIGINES 2022

Les appels à projets Allocations de recherche et Manifestations 2022 du DIM ORIGINES sont ouverts depuis le mardi 19 avril 2022. La date de clôture est fixée au vendredi 13 mai 2022 minuit.

Les 3 appels ouverts sont :
• Allocations doctorales

• Allocations post-doctorales

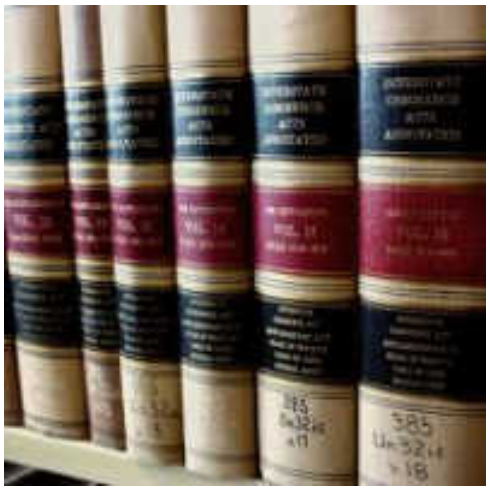
• Manifestations scientifiques et publiques

Les textes des appels à projets et les dossiers de candidature sont téléchargeables en bas de cette page. Nous vous invitons à soumettre vos dossiers par courrier électronique à l'adresse suivante : dim.origines@obspm.fr

EN SAVOIR PLUS

>>> Envoyé par Thierry Fouchet

Publication



La Une de la revue CERN

ITER a eu les honneurs de la Une de la revue CERN Courier en novembre/décembre 2021.

"Assembly of the tokamak for the ITER fusion experiment (cover feature, p34) is in full swing, marking a crucial new phase in the project. ITER is the culmination of more than half a century of efforts to magnetically con ne and heat a plasma inside a large tube from which energy may eventually be extracted. Two decades of scheduled operations starting in 2025 will determine the integrated technologies, materials and physics regimes necessary for the commercial production of fusion-based electricity."

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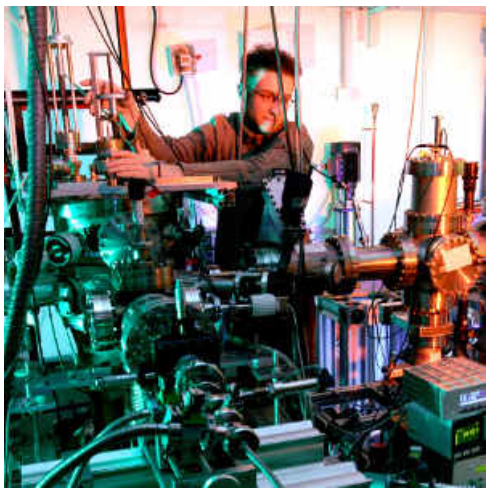
Offre d'emploi



Postdoctoral positions at the University of Southampton - Research Fellow in Magnetospheric Physics

This post-doctoral project is at the frontier of relativistic plasma physics and strong-field quantum electrodynamics. It aims at developing the theoretical and numerical framework necessary to tackle two important aspects of future experiments at Multi-PW optical laser facilities able to deliver ultra-short (~few cycles) light pulses of ultra-high intensities (up to 1023 W/cm2). The Apollon laser, who started operating in 2020, and is managed by the LULI laboratory, is in that class of lasers. The postdoc will rely on both theoretical modeling and Particle-In-Cell (PIC) simulation with the open-source code SMILEI [Derouillat et al., Comp. Phys. Comm. 222, 351 (2018)].
The location is : Highfield Campus
The post is available immediately. Informal enquires are very welcome, and should be directed to Dr Robert Fear (R.C.Fear@soton.ac.uk).

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Postdoctoral positions at the University of Southampton - Research Fellow in Auroral Physics

You will join our collaborative team in the area of ionospheric/auroral physics, in the Space Environment Physics group at the University of Southampton. You will work on a project studying the fine-scale structure of the Earth's aurora, its electrodynamics and its influence on the heating of the atmosphere. They will use data from a state-of-the-art multi-monochromatic auroral imager called ASK (Auroral Structure and Kinetics) and the European Incoherent Scatter (EISCAT) Svalbard Radar (ESR). The position is funded by a recently-awarded NERC Standard Grant. This is a fixed-term position until 30/04/2025 due to funding requirements.
The location is : Highfield Campus
The post is available from the 1st April. Informal enquires are very welcome, and should be directed to Dr Robert Fear (R.C.Fear@soton.ac.uk).

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Four Postdoctoral Job Opportunities at MSSL/UCL in Solar Orbiter science areas

UCL/MSSL is the Principal Investigator institute for the Solar Wind Analyser (SWA) suite of instruments for this mission, is co-PI institute on the Extreme Ultra-violet Imager and members of the laboratory also hold co-I status on a number of other instruments. The appointees will be expected to use relevant Solar Orbiter data, as well as current or previous missions and ground-based observatories including the LOFAR radio array, to perform cutting edge investigations related to our scientific interests. In particular the posts are :

Research Fellow in Solar Wind Origins (PI Fazakerley 3 year post – UCL Ref : 1883293)

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Research Fellow in Solar Energetic Electron Physics (PI Reid 3 year post – UCL Ref : 1883129)

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Research Fellow in Solar Wind Plasma Physics (PI Owen 3 year post – UCL Ref : 1883125)

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Research Fellow in Solar and/or Heliospheric Physics (PI Owen available until 31 March 2023 – UCL Ref : 1883114).

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