

IPFNnews

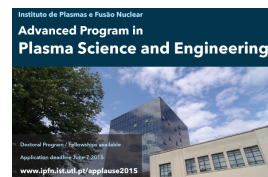
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APPLAuSE: call for applications now open

Applications for the 3rd edition of our PhD program in Plasma Science and Engineering are open until Sunday June 7, 17h00 GMT.

[Read more here](#)



ESTHER is launched

The European Shock Tube for High-Entropy Research, IPFN's new facility for supporting European planetary exploration and Earth return missions, was inaugurated earlier this month.

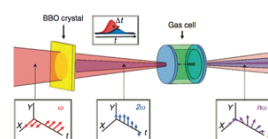
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New mechanism for generating X-rays

High power laser creates elliptically polarized x-rays from high harmonic generation.

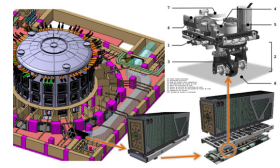
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Driving and steering wheel system for ITER gets patent

Find out what is an omnidirectional vehicle and what it can do for ITER... and for you

[Read more here](#)



ANIMMA2015

More than 350 participants met in Lisbon to discuss advances in nuclear instrumentation measurements methods and applications.

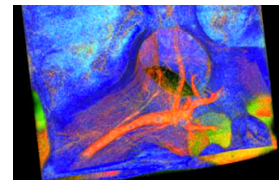
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IPFN to develop new 3D x-ray camera

Pioneering technology will allow 3D imaging of the inside of the human body, using minimum radiation doses.

[Read more here](#)



Plasmasurf is back!

Get ready for a new edition of our successful summer school on plasma physics - this time specially dedicated to the International Year of Light!

[Read more here](#)



A biography of light, by Tito Mendonça

Prof. Tito's new book, celebrating the International Year of Light 2015, is launched this week.

[Read more here](#)



Annual Report 2012-13 - Highlights

You can now view the IPFN Annual Report 2012-13 - Highlights booklet as an online page flip book or download the full version.

[Read more here](#)



New video on IPFN's YouTube channel



Take a virtual HD tour of our research facilities!



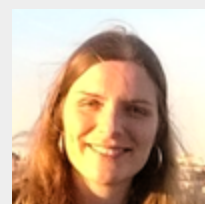
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Member highlights

Frederico Francisco – PhD in Physics, "Trajectory Anomalies in Interplanetary Spacecraft", December 22, 2014



Marija Vranic – PhD in Physics, "Extreme Laser-Matter Interactions: Multi-Scale PIC Modelling from the Classical to the QED Perspective", March 20, 2015



Mark your calendar

[42nd European Physical Society Conference on Plasma Physics](#)

Lisbon, June 22-26, 2015

[PlasmaSurf 2015 - 3rd Summer School on Plasma Physics](#)

Lisbon, July 12-17, 2015

Stay tuned

5th Workshop on Nuclear Fusion for Secondary School Teachers - September 2015

4th Workshop on Lasers for Secondary School Teachers - September 2015

IPFN on Facebook

More than 800 people follow the [IPFN Facebook](#) page.

It's the best way to keep updated about what's going on at IPFN. Connect with us and make sure you don't miss anything!

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