



Institut d'Études Scientifiques de Cargèse

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<http://www.iesc.univ-corse.fr>

RECENT DEVELOPMENTS IN WAVE PHYSICS OF COMPLEX MEDIA

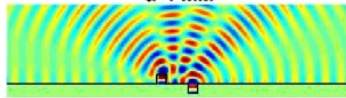
CARGESE, May 2nd – May 6th, 2011

<http://www.institut-langevin.espci.fr/Cargese-2011>



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a-FMM



Director:

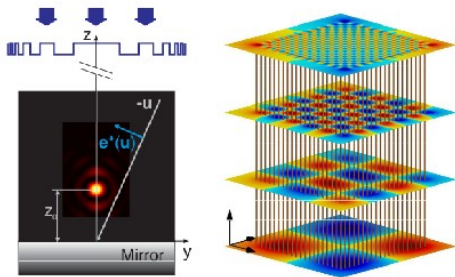
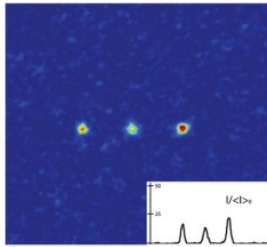
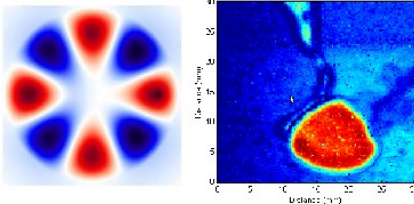
Mathias Fink

Organised by:

Julien de Rosny, Geoffroy Lerosey and Sylvain Gigan

Scientific Committee:

Claude Boccara (Paris), Mathias Fink (Paris), Georg Maret (Constance) and John Pendry (London).



Objectives:

Two years ago, the Institut Langevin has organized a summer school on non-conventional focusing and imaging techniques. The school gathered researchers and students from around the world. The success of the school encourages us to organize a new session. For this school entitled "Recent advances in Wave Physics of Complex Media", some of the best researchers in optics, acoustics, microwave will present the exciting progress realized during these last years in wave propagation through complex media. Lectures will be given on many different fields : meta-material, photonic and acoustic crystals, gratings, wave localization, negative refraction, random laser, coherent control of wave fields in complex media, multi-wave imaging. As the previous summer school, the aim is to gather all those different communities so that they can present their contributions, explain their motivations, and exchange with others. This school is especially devoted to the young generation of scientist (PhD, post-doc, young scientist) from all around the world. That is why we will financially support many PhD students. A poster session will be also organized so the participants can show their works to each others and to some of the best physicists.

Lecturers

Eric Akkermans	Claude Boccara	Hui Cao
Nader Engheta	Mathias Fink	Azriel Genack
Georg Maret	Allard Mosk	Philippe Lalanne
John Page	John Pendry	Claire Prada
José Sánchez-Dehesa	Patrick Sebbah	Anne Sentenac
Ping Sheng	Changhuei Yang	

Location:

The institute is located on the seashore of the island of Corsica, 50 km north of Ajaccio, 2 km south of Cargèse, a pleasant village of considerable charm and historic interest.

Applications:

Online Registration: <http://www.institut-langevin.espci.fr/Cargese-2011> (**before March 1st 2011**)

Acceptance notification: March 7th, 2011

For further information, please contact us via E-mail: cargese@espci.fr or by fax: 33 (0)1 40 79 44 68

Registration fees (including courses, accommodation and lunch): 650 €

In collaboration with



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