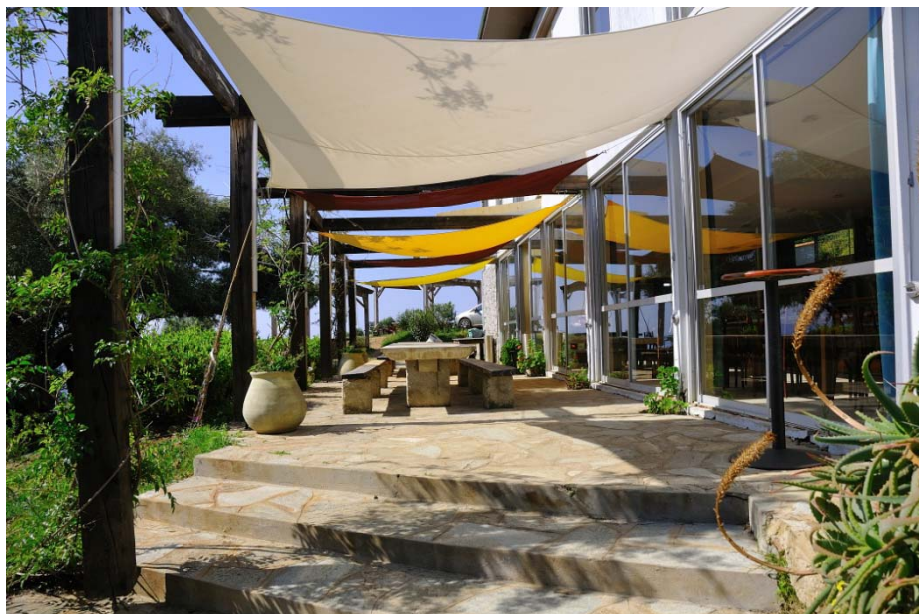


# 2012

6 Août  
18 Août



**INSTITUT  
D'ÉTUDES  
SCIENTIFIQUES  
DE CARGÈSE**



## PROPAGATION D'ONDES EN MILIEUX COMPLEXES

**Philippe PETITJEANS**  
PMMH

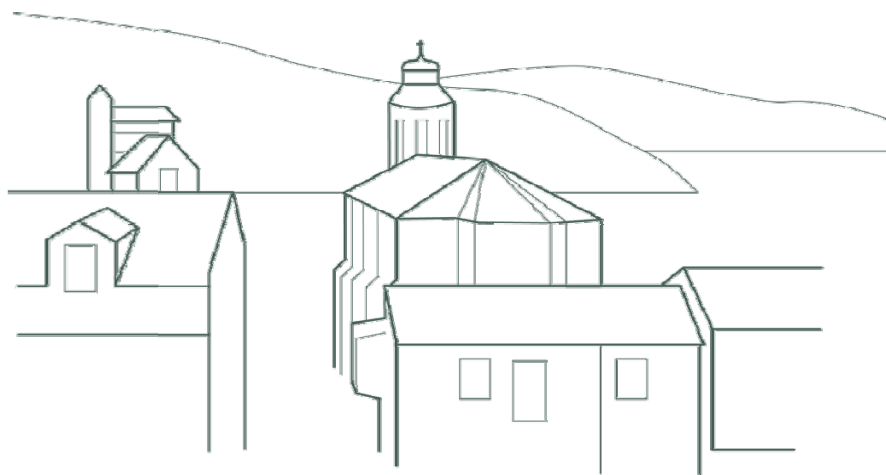
10, rue Vauquelin  
75005 Paris

0140794495 / 0666621477  
phil@pmmh.espci.fr

**Direction scientifique :**  
Giovanna Chimini

**Contact :**  
Dominique Donzella  
tél : 04 95 26 80 40

[www.iesc.univ-corse.fr](http://www.iesc.univ-corse.fr)



|            | <b>Mon. 6</b>  | <b>Tue. 7</b>    | <b>Wed. 8</b>     | <b>Thu. 9</b>           | <b>Fri. 10</b>           |
|------------|----------------|------------------|-------------------|-------------------------|--------------------------|
| 9h-10h30   |                | B. Gallas I      | B. Gallas II      | P.A. Martin III         | I. Thompson II           |
| 11h -12h30 |                | P.A. Martin I    | D. Felbacq I      | B. Van Tiggelen I       | B. Van Tiggelen II       |
| 17h - 18h  |                | I. Thompson I    | P.A. Martin II    | D. Felbacq II           | A. Chabchoub             |
| 18h - 19h  |                | I. Thompson I    | P.A. Martin II    | D. Felbacq II           | A. Chabchoub             |
|            | <b>Mon. 13</b> | <b>Tue. 14</b>   | <b>Wed. 15</b>    | <b>Thu. 16</b>          | <b>Fri. 17</b>           |
| 9h-10h30   | M. Fink I      | T. Kottos I      | M. Sieber II      | A. Newell               | A. Picozzi               |
| 11h -12h30 | S. Anlage I    | M. Sieber I      | H.J. Stoeckman II | A. Newell/<br>Y. Pomeau | C. Josserand/<br>S. Rica |
| 17h - 18h  | M. Fink II     | H.J. Stoeckman I | T. Kottos II      | M. Onorato              | C. Falcon                |
| 18h - 19h  | M. Fink II     | S. Anlage II     | TBA               | M. Onorato              |                          |

Mathias Fink : Controlling waves in space and time through complex media

Bart Van Tiggelen: Casimir Energy and Casimir Momentum, Strong localization of waves

Miguel Onorato : Rogue waves and their forecasting

Ian Thompson: Bloch waves and surface waves

Paul A. Martin: Methods for deterministic multiple scattering problems

Bruno Gallas : Introduction to electromagnetism

Didier Felbacq: Propagation des ondes électromagnétiques dans des métamatériaux diélectriques: homogénéisation et résonances

T. Kottos: Non-Hermitian Wave propagation in Media with Parity-Time Symmetry: Examples from Photonics and Electronics

H.J. Stoeckman: Microwave transport studies in complex media

M. Sieber : Semiclassical approach to random matrix statistics in chaotic systems

S. Anlage :

A. Newell: Wave turbulence, an overview

S. Rica: wave turbulence in plate

C. Josserand: wave turbulence in plate

A. Picozzi : Optical wave turbulence

C. Falcon: