

List of speakers

- Christof Aegerter (Zurich)
Time resolved spatial width of photons in samples showing Anderson localization
- Habib Ammari (Paris)
Mathematical approaches to cloaking
- Denis Basko (Grenoble)
Classical chaos in strongly disordered nonlinear chains
- Jacopo Bertolotti (Twente)
Non-invasive imaging through opaque scattering layers
- Eric Bonnetier (Grenoble)
Detection of flaws in composite materials based on surface measurements
- Rémi Carminati (Paris)
Spatial squeezing of eigenmodes on disordered fractal metallic films
- Dominique Delande (Paris)
Anderson localization in correlated potentials
- Arthur Goetschy (Yale)
Strong enhancement of absorption in scattering media: universality and beyond
- Sebastien Guenneau (Marseille)
Invisibility: from optics to seismic waves
- Ori Katz (Paris)
Controlling light in complex media in space and time: Looking around corners and through turbid layers
- Eric Larose (Grenoble)
Monitoring and locating weak changes with diffuse waves
- François Lignières (Toulouse)
Seismology and wave chaos in rapidly rotating stars
- Peter Lodahl (Copenhagen)
Quantum optics in random media
- Christian Miniatura (Nice & Singapore)
Coherent forward scattering peak unveiled by Anderson localization
- Fabrice Mortessagne (Nice)
Microwave emulation of strained graphene
- Cord Müller (Singapore)
Momentum isotropisation in random potentials
- Pepijn Pinkse (Twente)
Quantum-secure authentication with a random-scattering medium
- Laurent Sanchez-Palencia (Palaiseau)
Many-body Anderson localization in weakly-interacting Bose fluids
- Frank Scheffold (Fribourg)
Fabrication of three-dimensional disordered photonic materials derived from hyperuniform point patterns
- Costanza Toninelli (Florence)
Organic molecules in quasi-ordered photonic structures: ingredients for a random quantum network
- Diederik Wiersma (Florence)
Disordered materials for solar energy applications
- Alexey Yamilov (Missouri Univ. S&T)
Regimes of wave transport in absorbing random media

Talk schedule – Amphitheater Darboux

Wednesday November 7, 2012

09:00 – 09:45	Miniatura	Chairman: S. Skipetrov
09:45 – 10:30	Mortessagne	
10:30 – 11:00	Coffee break	
11:00 – 11:45	Müller	
11:45 – 12:30	Lignières	
12:30 – 14:00	Lunch (buffet at IHP)	
14:00 – 14:45	Basko	Chairman: A. Mosk
14:45 – 15:30	Sanchez-Palencia	
15:30 – 16:00	Coffee break	
16:00 – 16:45	Aegerter	
16:45 – 17:30	Delande	
17:30 – 18:15	Free time/discussions	

Thursday November 8, 2012

09:00 – 09:45	Wiersma	Chairman: L. Margerin
09:45 – 10:30	Carminati	
10:30 – 11:00	Coffee break	
11:00 – 11:45	Guenneau	
11:45 – 12:30	Ammari	
12:30 – 14:00	Lunch (buffet at IHP)	
14:00 – 14:45	Yamilov	Chairman: P. Sebbah
14:45 – 15:30	Bonnetier	
15:30 – 16:15	Larose	
16:15 – 16:45	Coffee break	
16:15 – 18:15	Poster session	
20:00	Dinner at <i>La Bastide Odéon</i>	

Friday November 9, 2012

09:00 – 09:45	Lodahl	Chairman: S. Gigan
09:45 – 10:30	Pinkse	
10:30 – 11:00	Coffee break	
11:00 – 11:45	Toninelli	
11:45 – 12:30	Scheffold	
12:30 – 14:00	Lunch (buffet at IHP)	
14:00 – 14:45	Katz	Chairman: J. Garnier
14:45 – 15:30	Bertolotti	
15:30 – 16:15	Goetschy	
16:15 – 16:45	Coffee break	
16:45 – 18:15	Free time/discussions	

Poster session – room 01

D. Andreoli, D. Martina, P. Bondareff, S. Grésillon and S. Gigan
Towards spatiotemporal control of light in complex media

N. Bachelard, J. Andreasen, S. Gigan and P. Sebbah
Active control of the emission of a random laser

M. Bellec and S. Tzortzakis
Light propagation in photonic lattices fabricated by direct laser writing

P. Bondareff, S. Gigan, S. Grésillon
Subwavelength light control on random media

A. Cazé, R. Pierrat et R. Carminati
Strong coupling of a classical scatterer to a two-dimensional Anderson localized mode

M. Donaire
Dipole emission and Casimir energy in random media

M. Dubois, M. Farhat, S. Enoch, S. Guenneau and P. Sebbah
Flat lens for Lamb waves focusing

S.A. Goorden, M. Horstmann, A.P. Mosk, B. Škorić and P.W.H. Pinkse
Measurement of the quantum security parameter

I. Johnson
Characterization of some materials by surface acoustic measurements

J. Lian, R.S. Toru, Y.V.F. Leung, W.L. Vos and A.P. Mosk
Measurements of escape functions of optical diffusers

M. Bellec, U. Khul, G. Montambaux and F. Mortessagne
Topological transition of Dirac points in a microwave experiment

M. Piraud
Matter wave transport and Anderson localization in anisotropic disorder

J. Richard, K. Müller, V. Josse
Ultra-cold atoms in disorder: 3D localization and coherent backscattering

S.E. Skipetrov and I.M. Sokolov
Spontaneous decay of collective states in large ensembles of cold atoms

T. Sperling and M. Ackermann
Direct determination of the transition to localization of light in three dimensions

K. Vynck
Coherent backscattering of light by strongly heterogeneous disordered materials

F. Wintzenrieth, S. Cohen-Addad, M. Le Merrer and Re. Höhler
Speckle visibility spectroscopy as a probe for shear wave propagation in complex media

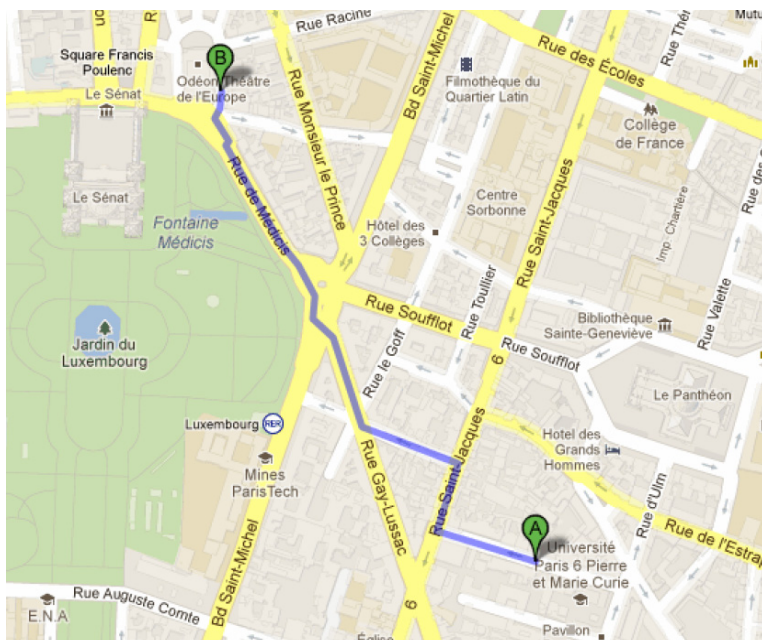
S. Herath, N. P. Puente, E.I. Chaikina and A. Yamilov
Artificially disordered birefringent optical fibers

B. Payne, L. Siskin, H. Noh, H. Cao, and A. Yamilov
2D Thue-Morse array of optical cavities: tight-binding description

List of participants

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|--------------------------------|--|
| Christof Aegerter (Zurich) | Jin Lian (Twente) |
| Mirco Ackermann (Konstanz) | François Lignières (Toulouse) |
| Habib Ammari (Paris) | Peter Lodahl (Copenhagen) |
| Daria Andreoli (Paris) | Ludovic Margerin (Toulouse) |
| Nicolas Bachelard (Paris) | David Martina (Paris) |
| Denis Basko (Grenoble) | Christian Miniatura (Nice & Singapore) |
| Matthieu Bellec (Nice) | Fabrice Mortessagne (Nice) |
| Jacopo Bertolotti (Twente) | Allard Mosk (Twente) |
| Pierre Bondareff (Paris) | Cord Müller (Singapore) |
| Eric Bonnetier (Grenoble) | Kilian Müller (Palaiseau) |
| Manutea Candé (Grenoble) | Amir Nahas (Paris) |
| Rémi Carminati (Paris) | Roman Pierrat (Paris) |
| Alexandre Cazé (Paris) | Pepijn Pinkse (Twente) |
| Thomas Chaigne (Paris) | Marie Piraud (Palaiseau) |
| Hugo Defienne (Paris) | Jérémie Richard (Palaiseau) |
| Dominique Delande (Paris) | Laurent Sanchez-Palencia (Palaiseau) |
| Manuel Donaire (Grenoble) | Eric Savin (Châtillon) |
| Marc Dubois (Paris) | Frank Scheffold (Fribourg) |
| Josselin Garnier (Paris) | Patrick Sebbah (Paris) |
| Sylvain Gigan (Paris) | Sergey Skipetrov (Grenoble) |
| Arthur Goetschy (Yale) | Igor Sokolov (St. Petersburg) |
| Bas Goorden (Twente) | Tilo Sperling (Konstanz) |
| Sébastien Guenneau (Marseille) | Costanza Toninelli (Florence) |
| Alexander Haber (Paris) | Kevin Vynck (Florence) |
| Irudayarj Johnson (Trichy) | Giorgio Volpe (Paris) |
| Vincent Josse (Palaiseau) | Diederik Wiersma (Florence) |
| Ori Katz (Paris) | Frédéric Wintzenrieth (Paris) |
| Eric Larose (Grenoble) | Jia Xiaoping (Paris) |
| Patricio Leboeuf (Paris) | Alexey Yamilov (Missouri Univ. S&T) |
| Olivier Leseur (Paris) | |

The way to the restaurant « La Bastide Odéon » – www.bastideodeon.com



A – Institut Henri Poincaré
 11 rue Pierre et Marie Curie
 75231 Paris

B – La Bastide Odéon
 7 rue Corneille
 75006 Paris