

### List of speakers

**Alexandre Aubry (Paris)**

*Random matrix approach to imaging*

**Hilton Barbosa de Aguiar (Marseille)**

*Re-polarization via wavefront shaping*

**Rémi Carminati (Paris)**

*Imaging sources in random media*

**Matthieu Davy (Rennes)**

*Getting beneath the surface: universal structure of transmission eigenchannels inside scattering media*

**Hugo Defienne (Paris)**

*Quantum walks of photons in disordered media*

**Luis Froufe-Pérez (Fribourg)**

*Photonic band gaps in disordered materials: Stealthy hyperuniformity versus local ordering*

**David Garcia (Barcelona)**

*Quantum optics in Anderson-localized systems*

**Arthur Goetschy (Paris)**

*Coherent control of absorption in disordered systems*

**Villads Johansen (Cambridge)**

*No beauty without disorder*

**Anton Kutsenko (Nancy)**

*Wave propagation through uniform media with defects and sources*

**Simon Labouesse (Marseille)**

*A theoretical analysis of the super-resolution capacity of synthetic imaging using random illuminations*

**Marco Leonetti (Rome)**

*Adaptive and nonlinear optics in the transverse localization regime*

**Luca Leuzzi (Rome)**

*Statistical mechanics of random lasers*

**Fabrice Mortessagne (Nice)**

*Topological effects in lattices of microwave resonators*

**Michael Pasek (Paris)**

*Mobility edge of cold atoms in laser speckle potentials*

**Douglas Photiadis (Washington)**

*Supersymmetric, vector field theory of disordered, elastic media*

**Francesco Riboli (Trento)**

*Frequency correlation spectroscopy of the local density of states in strongly scattering disordered media*

**Philippe Roux (Grenoble)**

*Metamaterial and seismo-acoustic cloaking: how to manipulate seismic waves?*

**Krzysztof Sacha (Krakow)**

*Anderson localization and Mott insulator phase in the time domain*

**Juan Jose Saenz (San Sebastian)**

*Isotropically polarized speckle patterns*

**Eric Savin (Paris)**

*Wave transport in anisotropic elastic media*

**Frank Scheffold (Fribourg)**

*Controlling dispersion forces between small particles with artificially created random light fields*

**Lukas Schertel (Konstanz)**

*Can 3D light localization be reached in “white paint”?*

**Igor Sokolov (St. Petersburg)**

*Magnetic-field-driven Anderson localization of light*

**Alexander Szameit (Jena)**

*Topological Anderson insulator for light*

**Alexey Yamilov (Missouri)**

*Control of mesoscopic transport by modifying transmission channels in scattering media*

**Talk schedule – Amphitheater Hermite**

**Monday November 9, 2015**

08:45 – 09:00	Opening	Chairman: Sergey Skipetrov
09:00 – 09:30	Carminati	
09:30 – 10:00	Riboli	
10:00 – 10:30	Aubry	
10:30 – 10:50	Coffee break	
10:50 – 11:20	Roux	Chairman: Josselin Garnier
11:20 – 11:50	Leuzzi	
11:50 – 12:20	Kutsenko	
12:20 – 13:40	Lunch (buffet at IHP)	
13:40 – 14:10	Scheffold	Chairman: Ludovic Margerin
14:10 – 14:40	Schertel	
14:40 – 15:10	Mortessagne	
15:10 – 15:40	Savin	
15:40 – 16:00	Coffee break	
16:00 – 16:30	Saenz	Chairman: Francesco Riboli
16:30 – 17:00	Pasek	
17:00 – 17:30	Sacha	
17:30 – 18:30	Poster session	
20:00	Workshop dinner (restaurant “Le Procope”)	

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**Tuesday November 10, 2015**

09:00 – 09:30	Defienne	Chairman: Luca Leuzzi
09:30 – 10:00	Goetschy	
10:00 – 10:30	Davy	
10:30 – 11:00	Coffee break	
11:00 – 11:30	Szameit	Chairman: Michael Pasek
11:30 – 12:00	Sokolov	
12:00 – 12:30	Photiadis	
12:30 – 14:00	Lunch (buffet at IHP)	
14:00 – 14:30	Garcia	Chairman: Alexandre Aubry
14:30 – 15:00	Leonetti	
15:00 – 15:30	Yamilov	
15:30 – 16:00	Barbosa de Aguiar	
16:00 – 16:30	Coffee break	
16:30 – 17:00	Froufe-Pérez	Chairman: Romain Pierrat
17:00 – 17:30	Labouesse	
17:30 – 18:00	Johansen	
18:00	Closing	

Poster session – Room 05

<b>Alexandra Bakman (Technion)</b>	Collapse and revival for a slightly anharmonic Hamiltonian
<b>Amaury Badon (Paris)</b>	Passive measurement of the diffusion constant in optics with low coherence interferometry
<b>Diego Di Battista (Heraklion)</b>	Structured adaptive focusing through scattering media
<b>Nikos Fayard (Paris)</b>	Intensity correlations between reflected and transmitted speckle patterns
<b>Benoît Gérardin (Paris)</b>	Spatio-temporal closed and open channels in complex medium
<b>Alessia Marruzzo (Rome)</b>	XY model on sparse mode-locked graphs: Mode-locking transition of localized waves
<b>Mickael Mounaix (Paris)</b>	Deterministic spatio-temporal control of an ultrashort pulse through a multiply scattering medium
<b>Nicolas Muller (Fribourg)</b>	From ordered to disordered photonic structures in silicon
<b>Romain Pierrat (Paris)</b>	Transparency of disordered hyperuniform structures
<b>Romolo Savo (Paris)</b>	An invariance property of multiple light scattering

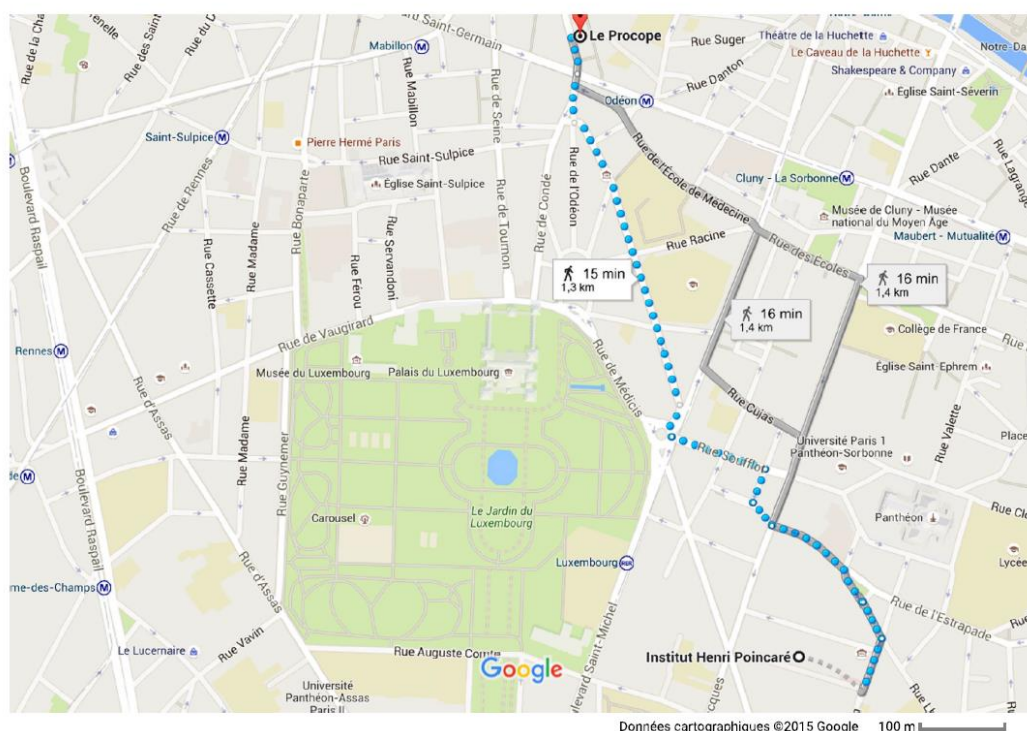
Directions to the restaurant “Le Procope” (Monday November 9, 20:00)



Institut Henri Poincaré à Le Procope

À pied 1,3 km, 15 min

Le Procope, 13 rue de l'Ancienne Comédie, 75006 Paris  
Tél : 01 40 46 79 00



### List of participants

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