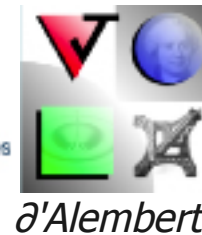


PARIS INFRASOUND WORKSHOP

(13-14 June 2017)

*INSTITUT JEAN LE ROND D'ALEMBERT
UNIVERSITÉ PIERRE ET MARIE CURIE & CNRS
PARIS, FRANCE*



with the support of



Tuesday, June 13th 2017

09h30 – 10h00 **Welcome**

Session I : General

10h00 – 11:00 : **Roger Waxler** (invited)

"An overview of infrasound propagation"

Session II : Infrasound & atmosphere

11h00 – 12:00 : **Jelle Assink** (invited)

"Acoustic remote sensing of the atmosphere"

12:00 – 14:00 **Lunch**

Session II : Infrasound & atmosphere

14:00 – 14:30 : **Thomas Farges**

"Characterizing lightning flashes with acoustic measurements"

14:30 – 15:00 : **François Coulouvrat**

"Sonic boom propagation and temperature inversion"

15:00 – 15:30: **Florentin Damiens**

"Spectral broadening of infrasound tones in mountain wave fields"

15:30 – 16:00 : **Break**

Session III : Numerical simulation

16:00 – 17:00 : **Christophe Bailly** (invited)

"An introduction to the direct numerical simulation of infrasound propagation"

Wednesday, June 14th 2017

09h00 – 09h30 **Welcome**

Session III : Numerical simulation

09:30 – 10:00 : **Quentin Brissaud**

"Development of a numerical method for wave propagation in a coupled fluid/solid medium"

10:00 – 10:30 : **Stéphane Popinet**

"Numerical models of tsunamis"

Session IV : Extreme events

10:30 – 11:30 **Roger Waxler (invited)**

"On the generation and refraction of the microbarom signal by hurricanes over the Atlantic Ocean"

11:30 – 12:00 : **Olaf Gainville**

"Sonic boom from meteors"

12:00 – 12:30 : **Régis Wunenburger**

"Everything you always wanted to know about a bubble (but were afraid to learn from its popping)"

12:30 – 14:00

Lunch

Session V : Acousto-seismic coupling

14:00 – 15:00 : **Jean-Pierre Vilotte (invited)**

"Acousto-seismic coupling"

15:00 – 15:30 : **Lucie Rolland**

"Ionospheric monitoring of earthquakes"

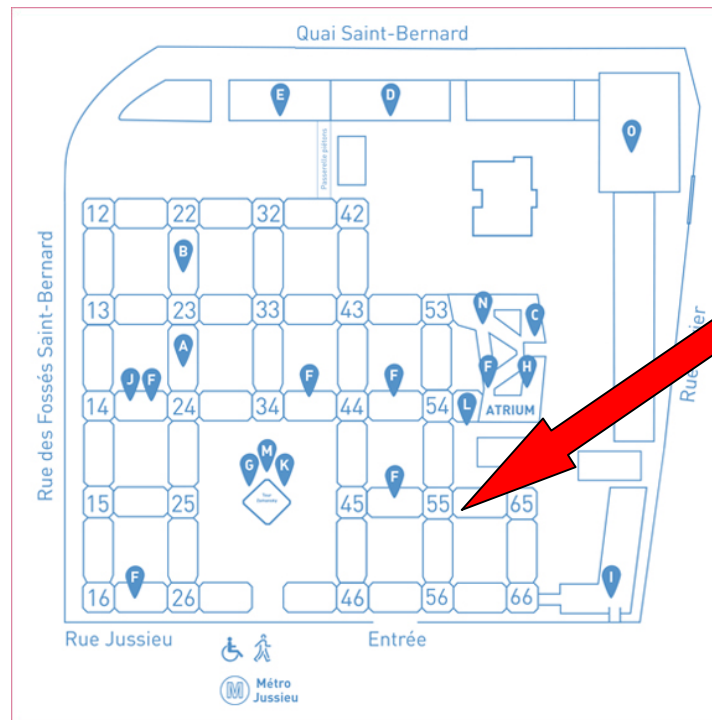
List of speakers

Jelle Assink	R&D Seismology and Acoustics Dept. Koninklijk Nederlands Meteorologisch Instituut, Netherlands
Christophe Bailly	Laboratoire de Mécanique des Fluides et d'Acoustique, Ecole Centrale de Lyon, France
Quentin Brissaud	Département d'Electronique, Optronique et Signal, ISAE, Toulouse, France
François Coulouvrat	Institut Jean Le Rond d'Alembert (UMR 7190), Université Pierre et Marie Curie & CNRS
Florentin Damiens	Laboratoire de Météorologie Dynamique (UMR 8539), CNRS, Université Pierre et Marie Curie, ENS & Ecole Polytechnique
Thomas Farges	CEA-DAM, Arpajon, France
Olaf Gainville	CEA-DAM, Arpajon, France
Stéphane Popinet	Institut Jean Le Rond d'Alembert (UMR 7190), Université Pierre et Marie Curie & CNRS
Lucie Rolland	Geoazur (UMR 7329), Université Nice Sophia Antipolis, Observatoire Côte d'Azur, CNRS & IRD
Jean-Pierre Vilotte	Institut de Physique du Globe de Paris & CNRS
Roger Waxler	National Center for Physical Acoustics, The University of Mississippi, USA
Régis Wunenburger	Institut Jean Le Rond d'Alembert (UMR 7190), Université Pierre et Marie Curie & CNRS

Where is it ?

Université Pierre et Marie Curie
Campus Jussieu (see map below)
4 place Jussieu
75005 Paris, France
métro Jussieu, lines 7 & 10

Institut Jean Le Rond d'Alembert
Tower 55 – 4th floor
Corridor 55-65 (to the right when
leaving the elevator)
Room "Paul GERMAIN"



It's here !