



ESPCI
Laboratoire PMMH
10 rue Vauquelin, 75231 Paris Cedex 05



Séminaire exceptionnel - PMMH

Amphi. Joliot, bâtiment N, 2^{ème} étage

Jeudi 14 avril 2016, 11h

Lucie Domino, Etienne Guyon et Guillaume Paoletti

Violin physics, a concert and a birthday...

Why is violin so hard to play? This question has no simple answer although researchers have studied bowed string for decades. Why is it much easier to pluck a string (of a guitar for instance) than to stroke a violin string with a bow? Does only the body of the violin itself matter? What about the bow? Why do musicians use rosin ('colophane' in French) on the hair of the bow? This seminar organized by Etienne Guyon will start by a short introduction to the physics of bowed strings (Lucie Domino), followed by a concert by cellist Guillaume Paoletti and one of his students. We will then all gather to celebrate Etienne's birthday!

Program :

- **11 a.m.** violon physics (Lucie Domino) followed by a concert by cellist Guillaume Paoletti (**amphi Joliot**)
- **12 a.m.** buffet in **Bureau d'étude** to celebrate Etienne Guyon's birthday.

Prochain séminaire : jeudi 21 avril 2016 à **13h30**,
Martin Coux (PhD student at PMMH) : Superhydrophobic elastic waves.

Programme des séminaires café : www.pmmh.espci.fr, onglet *Séminaires PMMH* > *Séminaires café (internes)*
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