

Workshop: Current Topics in Loudness

September 15th and 16th, 2014, Insa-Lyon, France

The aim of this two-day workshop is to identify new perspectives for research on loudness. It will combine lectures, discussions and debates on various topics related to loudness. The workshop is open to a limited number of participants and is organized within the framework of the LoudNat project sponsored by the National Research Agency (ANR).

Lectures : what do we know about loudness ?

- Essential Psychoacoustical Elements of Loudness Discovery // **Mary Florentine** (US)
- Quantification of binaural loudness gain using simple reaction time // **Wolfgang Ellermeier** and J. Schlittenlacher (Ger)
- On the prediction of binaural loudness for directional, stationary sound sources // **Michaël Vannier** (Fr)
- Interaction between loudness and auditory scene analysis: A review of the revisited literature // **Nicolas Grimault** (Fr)
- Can reverse correlation methods be used to determine the spectral weighting of loudness? // **Walt Jesteadt** (US)
- How do listeners judge the loudness of time-varying sounds? Spectro-temporal weights for loudness // **Daniel Oberfeld** (Ger)
- Global loudness of non-stationary sounds : methods and perceptual processes // **Emmanuel Ponsot** and **Patrick Susini** (Fr)
- Intensity Dynamics and Loudness Change: Methods and Mechanisms // **Kirk Olsen** (Aus)
- From artificial to complex stimuli: Challenges for models for time-varying loudness // **Jan Rannies**, J. Hots and J. L. Verhey (Ger)

Information

Registration will open soon on the website of the French Acoustical Society // www.sfa.asso.fr

The registration fee is 50 euros for students and 100 euros for non-students. It includes coffee breaks and lunches for the two days.

INSA-Lyon can be easily reached from the railway station or the international airport // More details soon on the website.

Organization committee

Sabine Meunier - Jacques Chatron - Sophie Savel - Guy Rabau

// LMA - CNRS (Marseille)

Patrick Susini - Emmanuel Ponsot

// STMS Lab - Ircam - CNRS - UPMC (Paris)

Etienne Parizet - Michael Vannier

// LVA - INSA (Lyon)

