

## Auditory Neuroscience

1.5 ECTS

**Organizers:** Narly Golestani and Damien Marie, UniGE

### Description

The course will be comprised of six 2 to 3-hour sessions.

### Dates and Location in 2017

- March 2, 9, 16, 24, 30, April 6 (from 12h30-15h30, except for March 2: 12h15-14h; March 24: 12h30-14h30)
- Location: Biotech Campus in Geneva, building H8, room 166.158 except for March 2: room 175.175; march 24: room 144.165
- Directions from the GE train station: cross the street and tram line, and take the #1 bus going direction 'Jardin Botanique' (and not towards 'Petit Bel-Air'). Get off 6 stops later, at the stop called 'Mines'. The Biotech building is across from the bus stop (big modern glass building). You'll need a badge to get into the building, so make sure you get there in time to do so (the list of registered course participants will be at the reception). Once you enter the revolving doors (i.e. with your badge), go up the stairs on your right, cross the very large hall diagonally (with restaurant etc) to the glass doors on the far right of the hall. Go in and keep crossing several doors, until you reach the Building H8 (you'll see the sign on the door).

### Sessions

- Thursday March 2nd, 12h15-14h00, room 175.175: Damien Marie: peripheral and central auditory physiology
- Thursday March 9th, 12h30-15h30, room 166.158: Frederic Dick: high resolution anatomo-functional localization of the auditory cortex
- Thursday March 16<sup>th</sup>, 12h30-15h30, room 166.158: Narly Golestani: role of the auditory cortex in language processing, and learning / experience-dependent plasticity
- \*\*Friday March 24th, 12h30-14:30, room 144.165: Pascal Senn: cochlear implants
- Thursday March 30<sup>th</sup>, 12h30-15h30, room 166.158: Daphné Bavelier and Naghmeh Ghazaleh: deafness and cross-modal plasticity (Daphné) & tinnitus (Naghmeh).
- Thursday April 6th, 12h30-15h30, room 166.158: Anne-Lise Giraud and Irene Altarelli: role of oscillations in auditory and linguistic processing (Anne-Lise), and Audio-visual integration and Dyslexia (Irene)

\*\* note different day!

**Credit requirements**

During 3-4 of the lectures there will be student presentations (in groups of 2 or 3, where each person presents part of the paper – e.g. introduction, methods/results, discussion) on a paper selected by the instructor. To receive credit, students must be actively involved in at least one presentation, and they must actively participate in the discussion during and following each presentation.

**Registration**

Register before February 17 by writing a mail to [Indscourses@gmail.com](mailto:Indscourses@gmail.com) (with your supervisor in copy) and stating the course title as subject.