Workshop “From data to slides”

0.5 ECTS

Objective:
Understand the purpose of slide design and data (re)presentation

Description:
A lot of scientific talks rely on slides. These can be filled with text, with data, figures, illustrations... Without putting efforts into it, poorly designed slides have the ability to confuse the speaker, the audience and make the presentation hard to follow. The starting point to creating nice slides is to understand how to use them. Slides are not crutches for the speaker but visual support, illustrations for the audience to better understand the message. During this workshop, participants will discover and apply some guiding principles to build efficient slides. The golden rule: simplicity.

Likewise, there are a few elements to consider when choosing the way to represent data, even within the boundaries of what is commonly done and accepted in a given research field. With concrete examples and manipulation of the participants’ own data, they will explore the difference between exploratory and explanatory data representation.

The workshop will be hands-on: Participants will arrive at the workshop with slides and graphs that they will improve over the course of the class. Feedback to the students on their work will be provided throughout the day.

By the end of the workshop, all participants will have a clear understanding of the difference between showing data and guiding their audience through them. Participants will know the basic rules of slide use and design.

Location:
Room B00.0624, CMU, Geneva

Schedule:
On Monday November 27, 2017, 9h-17h

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<th>9h – 12h30</th>
<th>13h30 – 17h</th>
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<tr>
<td>Theory of data visualization</td>
<td>Slide design theory</td>
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<td>Exercises on data visualization (R studio)</td>
<td>Exercise: create your slides</td>
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<td>Adobe Illustrator tutorial</td>
<td>Slide presentation</td>
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<td>Exercise: create your figures</td>
<td>General debriefing</td>
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Material to bring:
1) 2 graphs and the underlying raw data
2) 4 slides (1 intro, 2 slides with data, 1 slide of conclusions)
3) laptop with the following softwares: R studio, Excel, Adobe Illustrator, Powerpoint (or Keynote)

Trainer:
Dr. Samuel Lagier has a PhD in Neuroscience. After his postdoc at Unige, he took a sharp turn to become a presentation skills trainer and coach. He is coaching the speakers of the TEDxLausanne conference, young researchers applying for grants and jobs and teaches presentation skills in European universities. He is a performing improviser
(renegadesaints.ch) and involved in science communication projects with the Catalyst (thecatalyst.ch).

**Registration:**

The course is limited to 16 participants. Register before November 13, 2017 by writing a mail to indscourses@gmail.com (with your supervisor in copy) and stating the course title as subject.