Scientific Programming with Python and Software Engineering Best Practices

April, 28-29th, 2016
at Telecom ParisTech in Paris

http://telecom-python.telenczuk.pl

Scientists spend considerable amount of time writing computer code. Most of the time they find that their code is inefficient, buggy, their results are impossible to reproduce or they simply try to re-invent the wheel. The goal of this workshop is to help alleviate the problems, make scientists more productive and their research more reproducible. The course is based on Software Carpentry.

The workshop is aimed at graduate students and researchers, who have a basic knowledge of python.

Day 1: Numerics
Advanced numpy
Pandas and application Scikit-learn

Day 2: Engineering and best practices
Debug, Profiling, nosetests
Packaging and continuous integration

Registration

Registration is free, but mandatory due to limited space. Registration will be closed on March 18. To register visit the website.

Instructors

All instructors are certified by Software Carpentry.
Bartosz Teleńczuk (*UNIC, CNRS*), Alexandre Gramfort (*Telecom ParisTech*), Marcel Stimberg (*Institut de la Vision, UPMC*), Jan Antolik (*UNIC, CNRS*), Erik Bray (*LRI, Université Paris-Sud*), Camille Marini (*Paris Saclay Center for Data Science*), Maria Teleńczuk (*Institut de la Vision, UPMC*), Loïc Estève (*Pariétal, Inria*)