

Data analysis and simulations in Orange

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Amphithéâtre SOLEIL

Orange (<http://orange.biolab.si>) is an environment for data analysis. It can be used as a library for Python, which builds on and extends the existing Python libraries for scientific computing (numpy, scikit and others). It is accompanied by GUI for visual programming of data analysis, aimed at users without programming skills in traditional computer languages. The GUI is intuitive, easy to learn and user friendly, yet flexible and powerful at the same time.

Orange can also be used outside data mining. The scripting part can be integrated with other Python libraries, and the GUI can be used as a general data-flow based programming environment. At the seminar, we will also present an example of such a use, in which the environment is used for x-ray optics simulations.

SEMINAIRE



Ce séminaire sera suivi d'une pause café

Formalités d'entrée : accès libre dans l'amphi du pavillon d'Accueil.
Si la manifestation a lieu dans le Grand Amphi SOLEIL du Bâtiment Central merci de vous munir d'une pièce d'identité (à échanger à l'accueil contre un badge d'accès)

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