

Groupe de travail

Lundi 01/07/2019, 14h00-15h30

Orme des Merisiers Salle Claude Itzykson, Bât. 774

Riccardo Guida

IPhT

Le Salon Computationnel - Scientific Python for Fun and Profit (6/6) Bistro SymPy

An informal and hopefully pedagogical introduction to SymPy, a computer algebra system in Python.

First we will show many examples of usage of ubiquitous tools like: derivatives, integrals, simplifications, matrices, arbitrary precision numbers, ...

If time permits, we will then dive in slightly more advanced topics (pitfalls, expressions tree, patterns and replacements, ...)

This lecture is part of Michele Vallisneri's Salon computationel and will last around 2 hours.

Personal laptop is not mandatory. Jupyter notebooks will be available a few hours before the lecture at the URL:

<https://www.ipht.fr/Docspht//search/article.php?IDA=12255>

(Organizer: IPhT/Sylvain Ribault)
