

GRK Python Tutorial

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome & technical setup

Monday 14 October 2019 10:00 (30 minutes)

Presenters: SAUERBURGER, Frank (Albert Ludwigs Universitaet Freiburg (DE)); GUTH, Manuel (Albert Ludwigs Universitaet Freiburg (DE))

Session Classification: Introduction

Contribution ID: 2

Type: **not specified**

General Introduction to Important Python Features

Monday 14 October 2019 10:30 (2 hours)

Presenters: SAUERBURGER, Frank (Albert Ludwigs Universitaet Freiburg (DE)); GUTH, Manuel (Albert Ludwigs Universitaet Freiburg (DE))

Session Classification: Introduction

Contribution ID: 3

Type: **not specified**

Test driven development

Monday 14 October 2019 14:00 (4 hours)

Presenter: Prof. THIEMANN, Peter

Session Classification: Test driven development (git/CI/Docker/tests)

Contribution ID: 4

Type: **not specified**

Tutorial git/ci/docker

Presenter: Prof. THIEMANN, Peter

Session Classification: Test driven development (git/CI/Docker/tests)

Contribution ID: 5

Type: **not specified**

Test driven development

Presenter: Prof. THIEMANN, Peter

Session Classification: Test driven development (git/CI/Docker/tests)

Contribution ID: 6

Type: **not specified**

Lecture & Tutorial Numpy and Matplotlib

Tuesday 15 October 2019 10:00 (2h 30m)

Presenter: NOETHE, Maximilian (TU Dortmund)

Session Classification: Numpy, matplotlib

Contribution ID: 7

Type: **not specified**

Lecture & Tutorial Scipy

Tuesday 15 October 2019 14:30 (1h 30m)

Presenter: NOETHE, Maximilian (TU Dortmund)

Session Classification: Scipy

Contribution ID: 8

Type: **not specified**

Lecture & Tutorial Numpy and Matplotlib

Tuesday 15 October 2019 14:00 (30 minutes)

Presenter: NOETHE, Maximilian (TU Dortmund)

Session Classification: Numpy, matplotlib

Contribution ID: 9

Type: **not specified**

Lecture & Tutorial Scipy

Presenter: NOETHE, Maximilian (TU Dortmund)

Session Classification: Scipy

Contribution ID: **10**

Type: **not specified**

Lecture & Tutorial Scipy

Tuesday 15 October 2019 16:20 (1h 30m)

Presenter: NOETHE, Maximilian (TU Dortmund)

Session Classification: Scipy

Contribution ID: **11**

Type: **not specified**

Common Dinner

Tuesday 15 October 2019 18:45 (2 hours)

Common dinner at Goldener Sternen (<http://dergoldenestern-freiburg.de>)

Contribution ID: 12

Type: **not specified**

Symbolic programming

Wednesday 16 October 2019 10:00 (20 minutes)

Presenter: HEINRICH, Lukas Alexander (CERN)

Session Classification: Symbolic programming, autodifferentiation