**Workshop on BioImage Analysis**

**Icy Intermediate: Automate BioImage Analysis with Protocols**

**Thursday 18th July 2019 / 13:30 – 17:30**

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**Aim**

The aim of this workshop is to enable the attendees to use the bioimage analysis platform Icy in order to automate processing and analysis tasks using Protocols.

Students will be taught how to create automated Protocols to process and analyse light microscopy images with Icy.

Icy Protocols use Graphical Programming, so no scripting/programming is necessary.

**Target Audience**

Researchers who want to extract meaningful data from their images and who want to create their own Protocols to automate processing and bioimage analysis tasks.

**Learning Outcomes**

The course will give the attendees knowledge of graphical programming in bioimage analysis.

It will develop their confidence in using bioimage analysis for their research and enable them to automate common tasks.

**Content**

Demonstrations and practical exercises will explore the Icy Protocols interface to start creating Protocols.

We will see how to use Protocols to process and analyse files one by one and in batch mode.

**Prerequisites**

Attendance to the icy for Beginners course on 11th July 2019.

No scripting/programming experience necessary.

**Structure**

13:30 – 15.20: Icy website

The Protocols interface

Making Protocols

Exercises and Protocol creation

15:20 – 15:40: Tea/Coffee break

15:40 – 17:30: Exercises and Protocol creation