Data Structuring Course for Systems Biologists
Hünfeld bei Fulda (D), St. Bonifatiuskloster, November 22 – 23, 2017

Tutors: Martin Golebiewski, Olga Krebs, Wolfgang Müller, Maja Rey, Ulrike Wittig (HITS)

November 22nd

12:00 – 13:00  Lunch
13:00 – 13:15  Welcome and introduction
13:15 – 14:15  Practical work: Status quo of attendees’ data & Use case reports
               (All attendees: Please bring and briefly introduce examples of your data,
                e.g. spreadsheets, formatted data, models, etc.)
14:15 – 14:45  Introduction: Standards for data formats, metadata and data annotations
14:45 – 15:15  Introduction: FAIRDOM Data Management: SEEK and OpenBIS
15:15 – 15:45  Coffee Break
15:45 – 16:15  Use case report: Data management at DKFZ using OpenBis as Laboratory
               Information Management System (Artyom Vlasov)
16:15 – 17:00  Introduction & Practical work: Data Templates for spreadsheets and
               Using RightField to annotate data
17:00 – 18:00  Practical work: Developing a spreadsheet template for users’ needs
18:00 – 19:30  Dinner (afterwards: Get together in the monastery bar „Klosterstube“)

November 23rd

 07:30 – 09:00  Breakfast
09:00 – 09:30  Introduction: Data Structuring in FAIRDOMhub/SEEK based on ISA
09:30 – 10:30  Practical Work in FAIRDOMHub and LiSyM SEEK: Data upload, Metadata
               description (incl. biosamples) and ISA data structuring
10:30 – 10:45  Coffee Break
10:45 – 12:00  Tools for,Excel Yoga’:
               Introduction & Practical work: Exemplify and OpenRefine
12:00 – 13:00  Lunch
13:00 – 13:45  Practical work: Revising the spreadsheet template from day 1
13:45 – 14:00  Wrap Up
14:00 – 16:00  Meet the data management (tutors present for individual discussions)