Computing Skills For Reproducible Research: Software Carpentry

EMBL COURSE

We have moved our website to embl.org/events. **The content below is no longer being updated.**

EMBL Courses and Conferences during the Coronavirus pandemic

With the onsite programme paused, many of our events are now being offered in virtual formats.

Registration is open as usual for many events, with back-up plans in place to move further courses and conferences online as necessary. Registration fees for any events affected by the COVID-19 disruption are fully refundable.

More information for participants of events at EMBL Heidelberg can be found here.

Programme

Got something to say? Tweet it with #EMBLsoftware

Day 1 - Wednesday 16 October 2019

Time	Speaker	Location
09:10	**Bus from ISG Hotel to EMBL**	ISG Hotel
09:30 - 10:00	**Introduction & Ice-Breaker**	Computer Training Lab

Time	Speaker	Location
10:00 - 12:30	**Automating tasks with the Unix shell** Frank Thommen - DKFZ Heidelberg, Germany	Computer Training Lab
12:30 - 14:00	**Lunch break**	EMBL Canteen
14:00 - 17:00	**Building Blocks of Python Programming (With Break)** Malvika Sharan - EMBL Heidelberg, Germany Holger Dinkel - Max Planck Institute for Biological Cybernetics, Germany	Computer Training Lab
17:00 - 17:30	**Open discussion**	Computer Training Lab
17:30 - 18:00	**Bus to ISG Hotel**	In front of ATC
18:00 - 19:00	**Bus to Downtown**	ISG Hotel
19:00	**Dinner Dowtown**	

Day 2 - Thursday 17 October 2019

Time	Speaker	Location
09:10	**Bus from ISG Hotel to EMBL**	ISG Hotel
09:30 - 10:00	**Recap from Day 1**	Computer Training Lab
10:00 - 12:30	**Building programs with Python - I (With Break)** Malvika Sharan - EMBL Heidelberg, Germany Holger Dinkel - Max Planck Institute for Biological Cybernetics, Germany Renato Alves - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 14:00	**Lunch break**	EMBL Canteen
14:00 - 16:00	**Building programs with Python II (With Break)** Malvika Sharan - EMBL Heidelberg, Germany Holger Dinkel - Max Planck Institute for Biological Cybernetics, Germany Renato Alves - EMBL Heidelberg, Germany	Computer Training Lab

16:00 - 17:00	**Introduction to Version Control**	Computer Training Lab
17:00 - 17:30	**Open Discussion**	Computer Training Lab
17:30	**Free evening**	
17:30 - 18:00	**Bus to ISG Hotel**	In front of ATC
18:00 - 19:00	**Bus to Bismarkplatz**	ISG Hotel

Day 3 - Friday 18 October 2019

Time	Speaker	Location
09:10	**Bus from ISG Hotel to EMBL**	ISG Hotel
09:30 - 10:00	**Recap from Day - 2** Malvika Sharan - EMBL Heidelberg, Germany	Computer Training Lab
10:00 - 11:30	**Using commandline git for version control (With Break)** Malvika Sharan - EMBL Heidelberg, Germany Holger Dinkel - Max Planck Institute for Biological Cybernetics, Germany Renato Alves - EMBL Heidelberg, Germany	Computer Training Lab
11:30 - 12:30	**HPC Job Submission** Toby Hodges - EMBL Heidelberg, Germany	Computer Training Lab
12:30 - 14:00	**Lunch**	EMBL Canteen
14:00 - 16:30	**Analysis Pipeline Management with Snakemake (With Break)** Thomas Schwarzl - EMBL Heidelberg, Germany	Computer Training Lab
16:30 - 17:00	**Debrief & wrap-up**	Computer Training Lab
17:00	**Shuttle to Heidelberg Train Station and Crown Plaza Hotel**	