

Campus Luzern – A Cooperative Project of the University-Level Institutions in Lucerne

«*Version Control and Collaboration with Git and GitHub*»

Tutor	Resul Umit, University of Oslo
Organization	Campus Luzern
Language	English
ECTS-Points	1 ECTS
Nos. of participants	max. 20
Content	<p>Writing — code as well as text — is at the centre of most research projects. We write typically in numerous sittings, on multiple computers, together with collaborators, and over a long period of time to complete a single project.</p> <p>At the end of every sitting (by each collaborator, on each computer, and so on), essentially a different version of the same document(s) and folder(s) is created. With many versions created over time, there emerges several challenges, including:</p> <ul style="list-style-type: none"> • keeping track of changes and versions • reverting to a previous version when necessary • communicating the versions to other authors and/or computers • working on the same project with co-authors at the same time <p>This workshop will introduce you to Git and GitHub, in a workflow suited to address these challenges.</p>
Prerequisites/ Materials	<p>This workshop is for complete beginners, and prior knowledge of Git or GitHub is not required.</p> <p>You should install Git and GitHub Desktop to your computer, and set up a free GitHub account before the workshop. Please contact Resul if you have any questions.</p>

Reading list	Bryan, J. (2018). Excuse me, do you have a moment to talk about version control? <i>The American Statistician</i> , 72(1), 20-27.
Teaching method	This workshop is offered in English. It will take place online, via Zoom.
Charge	<p>This Campus Luzern offering is directed at researchers, post-docs, doctoral students, people interested in starting a dissertation and employees of Lucerne universities and is free of charge for these persons.</p> <p>Certificates with the respective ECTS-Points are prepared on request (graduate.resources@campus-luzern.ch).</p>