

Life Science/Bioinformatics Workshop

Monday, January 16, 2023

Presentations: GWDG and User Presentations - <https://meet.gwdg.de/b/mar-bwn-zzi-ap8> (2:30 PM - 4:15 PM)

-Conveners: Martin Leandro Paleico

time	[id] title	presenter
2:30 PM	[14] Stefanie Mühlhausen/Pavan Siligam (GWDG): Alphafold on the SCC: An application of software containers in HPC	
2:45 PM	[16] Andreas Leha: RShiny applications support semi-automatic workflows	
3:00 PM	[13] Hendrik Nolte (GWDG): SecureHPC: A Secure Partition to Process Sensitive Data on a Shared HPC System	
3:15 PM	[11] Martin Schulte-Rüther: R-based machine learning models as an autism detection tool	
3:30 PM	[12] Carsten Fortmann-Grote: RAREFAN: A publicly accessible bioinformatic pipeline on a cloud server - Implementation and limitations	
3:45 PM	[10] Jonaid Hossain: The DANCE Framework	
3:45 PM	[15] RShiny at the GWDG: Showcase (If time is available/replacement)	PALEICO, Martin Leandro
4:00 PM	[17] Manolis Bastakis: Employing high-performance computing services from GWDG to discover new gene regulatory networks in fungi	