Dear all,

in the last year we acquired as part of the Centre for Interdisciplinary Data Science (CIDS) new hard- and software for our computer lab in the Leibnizstraße 1, Room 205. Further updates to services by the CIDS, especially regarding a central data hub, are planned so stay tuned for more information about this topic in the future.

Regarding the CIDS lab, all the stationary computers are usable for doctoral students, postdocs and other researcher with your su-account (e.g. suzhd999). For access to the lab please contact me (h.raese@roots.uni-kiel.de; 5922). You can check the availability online: https://www.jma.uni-kiel.de/equipment/ and the occupation of the room for courses in the semester in the UNIVIS!

For those interested, there will be a very short introduction to the CIDS-lab on Wednesday April, 6th. The meeting point will be at 11 am in front of Leibnizstraße 1.

Below you will find some information on the currently available equipment (besides the standard beamer/projector and whiteboards):

Workstations:

1 x Workstation for 3D-Work (incl. Agisoft Metashape [formerly PhotoScan], Blender)

1 x Workstation for Graphics-Work (incl. Adobe CS6 [Illustrator, Photoshop, Acrobat Pro and InDesign], Affinity [Designer, Photo and Publisher] and Kofax Power PDF 4 Advanced)

Both workstations have the same hardware specs and are generally usable for demanding (GIS, R, Machine learning, etc.) computational workloads. To check for available or needed software, please contact me beforehand. Both graphic tablets (see below) are usable with both workstations.

iMac:

1 x iMac 5k for Graphics-Work (incl. newest version of Adobe Creative Cloud [Illustrator, Photoshop, Acrobat Pro and InDesign] and Affinity [Designer, Photo and Publisher])

Please be aware that prior to using the Adobe CCC on the iMac you have to register for a free Adobe-ID and use this ID with the Adobe CCC. Both graphic tablets (see below) are usable with the iMac. Contact me should you need some additional software.

Graphic Tablets with display:

1 x Wacom Cintiq 16

1 x Wacom Cintiq 22

Both graphic tablets include a FullHD display so that you can draw directly on the screen for e.g. digitalisation of maps, excavation plans, find drawings, etc.

Touchscreen with PC and videoconference system:

1 x 86” UHD-Touchscreen (Legamaster ETX-8620) with a PC and a Polycom Studio videoconference system

This very big touchscreen can be used as a digital whiteboard, for collaborative work, etc. With the attached PC you can also use and show programs, scripts, texts, etc. Furthermore, with the integrated Polycom Studio videoconference device, the whole system can be used for hybrid events.

PCs:

10 x Windows-PCs

Should the need arise for a temporary workplace or if you would like to plan a workshop/training course/etc. the PC pool is available. The current spatial configuration has one PC for an instructor and nine PCs for participants but the software is mostly the same (with the exception of the computer of the instructor where you can choose between a Windows 10 or Ubuntu OS).

Scanner:

1 x A3-Scanner (Epson GT-15000) – resolution: 600 x 1.200 dpi

1 x A3-Scanner (OptiPlex A320) – resolution: 1600 x 1600 dpi

Both scanners are high-resolution flatbed devices particularly useful e.g. for scanning pictures for publications. You will need one of the PCs to use the scanners.

Virtual reality headset:

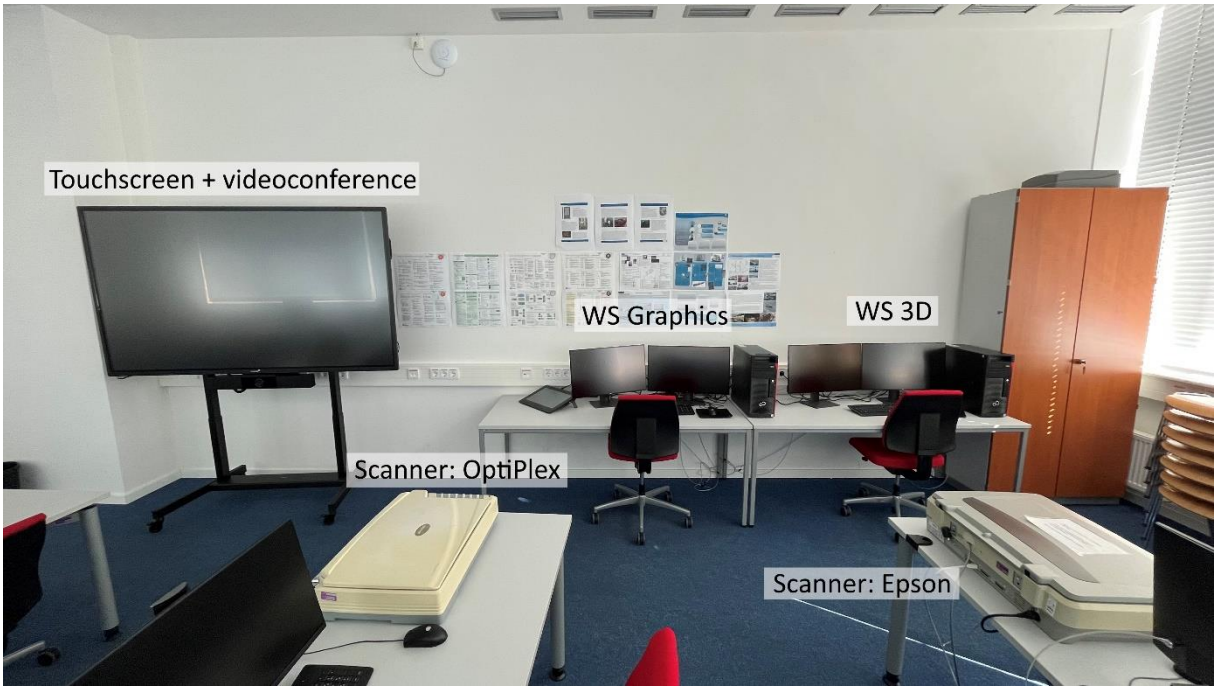
1 x Oculus Quest 2

A virtual reality headset for development and testing of 3D models, e.g. landscapes, finds, etc. Should you want to transfer your own models to the device, please use the 3D-Workstation.

Virtual Machines:

5-10 x Virtual Machines for highly demanding, long-term or experimental computation projects that need a considerable amount of RAM, storage and/or GPU-Power (e. g. ML, Deep learning, R projects, rendering, etc.). Simultaneously, collaborative work on the same VM (i.e. coding together) is possible. Due to licensing restrictions, at the moment only Linux derivates are available as OS. The access to the VMs is not bound to the computer lab in general but support will be easier to organise in the CIDS lab.


iMac
PC Pool
Instructor PC


Touchscreen + videoconference
WS Graphics
WS 3D
Scanner: OptiPlex
Scanner: Epson