

Lunch seminar 26 February 12:15 in Kapp Schoultz

## How far can we go with Immersive Virtual Reality using Mosis Lab?

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Immersive Virtual Reality (iVR) has the potential to drastically change the way we interact with computational applications. It allows users to work in an encapsulated environment (without external influences), in which they can have immersive vivid experiences.

**Mosis Lab** offers an integrated iVR work environment with ease visualization of geospatial data that links virtual objects to its acquisition location. These objects can be rocks, living beings, files, materials, and so on. The objects that are associated to a georeferenced location become a Georeferenced Data Container (GDC), a 3D location "pin" that stores information related to its location, over a digital elevation model (DEM) of the area. Mosis LAB allows the possibility of cross-referencing a given GDCs to other GDCs at runtime.

