

## *Enlighten: an Interactive Visual Analysis framework - Development and Use cases*

**Ove Daae Lampe**

Research scientist,  
Christian Michelsen Research



**Friday Jan 25, 2013, 10.15-11.15**

**VilVite Auditorium (TM51: AUD), Thormøhlensgate 51**

### **Abstract:**

Enlighten is Interactive Visual Analysis framework which can read data from multiple sources and provide suitable visualizations using an easy and understandable user interface. Multiple visualizations can be connected/coordinated using interactive filtering. Enlighten is implemented using a mix of OpenCL, C++, R and primarily Python in a modular fashion for extensibility.

This talk will describe the underlying structure of Enlighten, how to deal with large datasets in Python and how to seamlessly tie together multiple paradigms for computation (Python, OpenCL, OpenGL and R).

