

Seminar: Geometry & Physics @ DFT (IFIN-HH)
([Seminar Homepage](#)) ([Indico Page](#))

Location: IFIN-HH, DFT seminar room

Date: Friday, March 16, 2018, 11:00 AM

Title: L_∞ **structures in extended geometry**

Speaker: **Prof. Martin Cederwall** (Chalmers University, Goteborg)

Abstract: “We examine the structure of gauge transformations in extended geometry, the framework unifying double geometry, exceptional geometry, etc. This is done by giving the variations of the ghosts in a field-antifield (Batalin-Vilkovisky) framework, or equivalently, an L_∞ algebra. The L_∞ brackets are given as derived brackets constructed using an underlying Borchers superalgebra, which is a double extension of the structure algebra. Some examples will be given. Joint work with J. Palmkvist.”