

# NORDAN 2016: Several Complex Variables

Analytic and plurisubharmonic singularities

**Alexander Rashkovskii**

University of Stavanger, Norway

The subject of the talk is how good one can approach isolated plurisubharmonic singularities by analytic ones. The following two (related) open problems will be discussed: existence of a plurisubharmonic function with the zero Lelong number and positive residual Monge-Ampère mass, and control over the residual Monge-Ampère masses of analytic approximations.