

# SONIC SPEAKER SERIES

SONIC Research Group, Northwestern University | Correspondence: wpieterson@northwestern.edu



## Prof. Dr. Barend Mons

Leiden University / Netherlands Bioinformatics Center

### *SciMobs, instant intellectual networking in eScience...*

Tuesday, December 4th, 10:30am-11:45pm

Room 1.483, Frances Searle Building, Northwestern University, Evanston Campus

#### Biography

Barend Mons holds a chair in Biosemantics at the LUMC and is one of the scientific directors of NBIC. In addition he acts as a Life Sciences 'eScience integrator' in the Netherlands eScience centre. Currently, he coordinates the creation of the Data Integration and Stewardship Centre (DISC-ELIXIR) and in that capacity he is also the scientific representative of The Netherlands in the interim board of the ELIXIR ESFRI project.

Barend Mons is a molecular biologist by training and received his PhD on genetic differentiation of malaria parasites from Leiden University (1986).

#### Content

Barend will talk about the role of semantic technologies, (under)standards and the nanopublication ecosystem in particular. He will challenge several established views in the field of the semantic web, scholarly communication, intellectual networking, science metrics, peer review and 'data publishing' with an emphasis on the barriers to break down in order to allow effective data exposure, sharing and integration in the Big Data era. The context of his talk will be the need for eScience approaches to *'in silico'* knowledge discovery.

#### Additional info

<http://sonic.northwestern.edu>