First Faculty of Medicine, Charles University in Prague
invites you to
a lecture by renowned chemist

Lab-on-a-chip technologies;
Will "Moore's law" apply to chemistry in this century?

* summary of the development of electronics and computers from ~1940 to present day
* comparison to developments in analytical chemistry
that are starting to follow similar trends in increasing analytical capabilities

by
Dr. Wyatt N. Vreeland

National Institute of Standards and Technology, USA

Wednesday, March 18, 2015, 13.30

Great auditorium, main Faculty building
(Na Bojišti 3, Praha 2)

Dr. Wyatt N. Vreeland performed his PhD thesis research at Northwestern University in Chemical and Biological Engineering where he developed synthetic organic chemistries for production of large bio-mimetic molecules to be used in various genomic applications. After completing his Ph.D. research, Dr. Vreeland joined the microfluidic research group at NIST as a National Research Council (NRC) postdoctoral fellow under the mentorship of Dr. Laurie Locascio.
Dr. Vreeland is now a permanent member of NIST's scientific research staff. In these duties he manages a research lab that develops novel microfluidic systems to create cutting-edge nanomaterials of interest in the biopharmaceutical community.