



US Embassy Science Fellow Program 2015

Lab-on-a-chip technologies; Will “Moore’s law” apply to chemistry in this century?

24/03/2015

TUESDAY JIC INBIT – Biotechnology centre, Kamenice 34, Brno, 625 00

Speaker:

[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 he joined [NIST](#) (National Institute of Standards and Technology, an agency of the [U.S. Department of Commerce](#)) as an [NRC](#) (The National Research Council) postdoctoral fellow under the mentorship of Dr. Laurie Loacscio. 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.



Perhaps most importantly for this project, Dr. Vreeland has many contacts in the United States biotechnology community among government, academic and commercial sectors. These have been developed and built in part through representing NIST’s biotechnology efforts at the BIO conference every year since 2009.

8.30 – 9.00 Registration

9.00 – 11.00 Lab-on-a-chip technologies; Will “Moore’s law” apply to chemistry in this century?

11.00 – 11.30 Discussion

For registration click [here](#).

For more information contact uhlir@jic.cz, ostrizek@ceitec.vutbr.cz, lukas.palko@fnusa.cz or i.souckova@rect.muni.cz.



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