

# Kolloquium

ERNST MORITZ ARNDT  
UNIVERSITÄT GREIFSWALD



Wissen  
lockt.  
Seit 1456

Dienstag  
18. September 2012  
17:15 Uhr  
HS Ost



Professor Dr. Robert Hettich  
Oak Ridge National Laboratory, USA

## High Performance Metaproteomic Approaches for Characterizing the Metabolic Activities of Microbial Communities

Dr. Robert Hettich is a distinguished research staff member in the Organic and Biological Mass Spectrometry Group of the Chemical Sciences Division at Oak Ridge National Laboratory and an adjunct faculty member in the Genome Science and Technology (GST) Graduate School at the University of Tennessee.

He has over 20 years of experience in biological mass spectrometry, with a particular focus on Fourier transform ion cyclotron resonance mass spectrometry. His research interests involve the development and demonstration of advanced mass spectrometry technology for characterizing complex biological mixtures, such as microbial proteomes, and for examining higher order protein structures. He has authored more than 130 publications, and is active in mentoring graduate students, as well as teaching analytical technology and advanced biological mass spectrometry classes. He is a member of the editorial advisory board of Mass Spectrometry Reviews, BMC Genomics, and Journal of Integrated Omics.

Moderation: Professor Dr. Thomas Schweder

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