

## *Speaker Profile*

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**Dr. Henry Hess**

**Assistant Professor**

University of Florida, Department of Materials Science and Engineering

**Dr. Hess** is currently an assistant professor at the Department of Materials Science and Engineering of the University of Florida. His research group investigates the engineering applications of molecular motors, using motor proteins such as kinesin as model systems. His work has been supported by DARPA, DOE and a NSF Career award. He has published over 30 publications, and presented 30 invited lectures.

Dr. Hess received a diploma in physics from the Technical University Berlin in 1996, and obtained his Dr rer. nat. (summa cum laude) in experimental physics from the Free University of Berlin in 1999 under the guidance of Ludger Woeste. His postdoctoral studies were conducted from 2000 to 2002 at the Department of Bioengineering, University of Washington, where he also served as a research assistant professor (2002–2005). He received the Wolfgang Paul Award of the German Society for Mass Spectrometry (2000), the Feodor Lynen postdoctoral fellowship of the Alexander-von-Humboldt foundation (2000), the Distinguished Mentor Award of the UF/HHMI “Science for Life” program (2007), and, together with his postdoctoral mentor Viola Vogel, the Philip Morris Forschungspreis (2005).

In 2008, Dr. Hess co-organizes the symposium “Molecular motors, Nanomachines and Active Nanostructures” at the MRS Spring meeting.