

## EINLADUNG

Zeit: Freitag, 05.06.2009, 11:00 Uhr  
Ort: Seminarraum 5052  
Informatik-Zentrum Hörn, Ahornstr. 55  
Referent: John Field  
IBM T.J. Watson Research Center  
Titel: Thorn: Robust, Concurrent, Extensible Scripting  
on the JVM

### Abstract:

Scripting languages are justifiably popular because of their support for rapid and exploratory development. However, scripts are notoriously hard to compose and to evolve. Additionally, though more and more applications require concurrency for example, to manage interaction with remote distributed services support for concurrency in existing scripting languages is weak at best. In this talk, I will describe Thorn, a new concurrent scripting language being developed by IBM and Purdue University. I will show how Thorn's module and type annotation features support the evolution of scripts into industrial-grade programs. I will also show how Thorn's concurrency features can be used to rapidly develop scalable applications, while avoiding many of the pitfalls of Java-style concurrency.

This work is joint with B. Bloom, N. Nystrom, J. Östlund, G. Richards, R. Strniša, J. Vitek, and T. Wrigstad.