

## Einladung

zum Informatik-Kolloquium des  
AB Programmiersprachen und Übersetzer am  
**Mittwoch, den 20. Juli 2016, um 14:00 Uhr c.t.**  
in der Bibliothek E185.1, Argentinierstr. 8, 4. Stock (Mitte)

Es spricht

**Dejice Jacob**

University of Glasgow, Scotland, UK

über

### **AnyScale Apps for Scalable Computation - A novel paradigm for adaptive scalable computation**

In the AnyScale project, we are creating a runtime system that targets heterogeneous and distributed compute infrastructure. An AnyScale application is developed at a sufficiently abstract level and then the general application is specialised (either at install time or execution time) to utilise appropriate and available compute resources. The key challenges of the AnyScale project are to

- devise means of expressing or generating Task Variants
- select and schedule these Task Variants in the most appropriate manner subject to static or dynamic system constraints, and
- identify appropriate case studies for this execution scenario.

In this talk, we present an overview of the AnyScale project. We describe two novel deployments involving robots and raspberry pis.

**Biographie:** Dejice Jacob is a PhD student at University of Glasgow, working under Dr. Jeremy Singer in the systems group. Dejice worked in the embedded systems industry for 11 years before starting his PhD at the University of Glasgow. He has an MSc from the University of Edinburgh in System Level Integration. (<http://www.dcs.gla.ac.uk/~jacobd>)

Zu diesem Vortrag lädt der *Arbeitsbereich für Programmiersprachen und Übersetzer am Institut für Computersprachen* herzlich ein.

Tee: 13:45 Uhr in der Bibliothek E185.1, Argentinierstr. 8, 4. Stock (Mitte).