

8. PAULI KOLLOQUIUM

Das Wolfgang Pauli Institut ladet zum **8. Pauli Kolloquium** ein, mit **Special Guest Monika Henzinger**.

Zeit: Freitag, 4. Dezember 2009, 15:00 – 18:20

Ort: Hörsaal 3 im UZA2, Althanstrasse / Nordbergstrasse

- 1) *15.00 – 15.25 Uhr*
Coffee & Cake

- 2) *15.25 – 15.30 Uhr*
„Welcome address” **Norbert J. Mauser** (WPI c/o Fak. f. Math., U.Wien)

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- 3) *15.30 – 16.15 Uhr*
Monika Henzinger (WPI c/o Fak. Informatik, U.Wien & EPFL)

“Web Search Engines: How do they work and how do they make money?”

- 4) *16.15 – 17.00 Uhr*
Thomas Eiter (TU Wien)

“Computer Science Logic @ Vienna”

- 5) *17.00 – 18.00 Uhr*
Cocktail



Monika Henzinger (WPI c/o Uni Wien and EPFL),
<http://www.cs.univie.ac.at/employee.php?tab=general&eid=1830>

"Web Search Engines: How do they work and how do they make money?"

Abstract: The talk consists of two parts. First we will give an introduction to web search engines, describing their main components and data structures. Then we will discuss the way web search engines make (most of their) money, namely their auction-based advertisement system.

Short Biography: **Monika Henzinger** is currently a Professor of Computer Science at the University of Vienna. Before coming to Vienna she was a Professor of Computer Science at the Ecole Polytechnique Federale de Lausanne and a Director of Research at Google. Inc. She is the recipient of an NSF CAREER Award, a Top Women on the Web Award, and an European Young Investigator Award.

Thomas Eiter (TU Wien),
<http://www.kr.tuwien.ac.at/staff/eiter/>

"Computer Science Logic @ Vienna"

Abstract: This talk gives a brief overview of Computer Science Logic and related areas in Vienna in general, and some ongoing research activities at the Knowledge Based Systems Group of the Vienna University of Technology in particular.

Short Biography: **Thomas Eiter** is a Professor of Computer Science at the Vienna University of Technology, where he heads the Knowledge Based Systems Group. His current main research interests are knowledge representation and reasoning, foundations of information systems, and computational logic. He is an ECCAI Fellow and a Corresponding Member of the Austrian Academy of Sciences.