

The Doctoral College "Computational Perception" in collaboration with the WIE (Women in Engineering) Group of IEEE Austria Section and femOVE cordially invite you to the following talk by Brikena Statovci-Halimi.

QoS differentiation and Internet neutrality: A controversial issue

Brikena Statovci-Halimi

- When?** **Thursday, 16.12.2010**
13:15 - 14:00
- Where?** **Seminar Room 188/2**
1040 Wien, Favoritenstraße 9-11
4. Floor, Staircase 3

Abstract

The debate on Internet neutrality is controversial to the question of a tiered, application aware Internet. Bandwidth and end-to-end delay of connections across the Internet may vary by several orders of magnitude, therefore unequal data handling per node is commonly applied to achieve differentiated QoS. This practice contradicts Internet neutrality if it is not restricted to pure application awareness. A strict separation of network operation from service provisioning would perfectly fit to achieve Internet neutrality. But this may lack economic business models for network operators, especially in a flat-rate world. This talk provides a review on differentiated quality requirements, discusses the different viewpoints of network and content providers, and brings a discussion on potential differentiated charging intended to achieve a fair, autonomous, and cost-related revenue distribution among stakeholders.