

# **Mobility for the Internet - Closing the Gap between Research and Deployment**

*Panel Session*

Hannes Tschofenig

## Introduction

- Standardization and research work ongoing for 10+ years
- Many protocols and extensions being standardized.
- Recently, more interest from SDOs like Wimax, IEEE, 3GPP (SAE) and 3GPP2.
- VoIP deployment imposes real-time requirements on network.
- Where are we with the deployment of mobility and multi-homing protocols?

## Panel Members

Name	Title of Position Statement
Jari Arkko	Deployment Barriers and Opportunities
Aaron Falk	The Role of GENI in developing a new Internet Architecture
Rajeev Koodli	Mobility and Cross-Layer Design
Richard Paine	Deploying mobility solutions for a large enterprise network.
James Kempf	Web 2.0 and Mobile Operator Service Offering

## Questions

- Where is more research and standardization needed?  
What problems are not yet solved?
- Do we need mobility and multi-homing at all layers?
  - At which layer should mobility and multi-homing be done?
- Should we consider Mobile IP dead and give up on the goal of preserving IP addresses during mobility?
- What's missing short-term from the 3GPP, 3GPP2, Wimax Forum, etc. technology?