

## **Session 5**

# **Market Opportunities and Challenges**

## **09:00-10:30, 21 April 2006**

Helmut Schink, Siemens  
Chair, SG 13/WP 1



# Session 5 Overview

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- o Objectives
  - discuss business opportunities
  - driving forces for implementation
  - user benefits, operator benefits
  - regulatory impact
  - to provide a state-of-the-art overview of global trends
  - focus to the Asia-Pacific region from the different perspectives
  - operators and vendors / suppliers views
  
- o Outline
  - 4 presentations á 15 min
  - 30 min discussion, Question & Answers

All-IP migration of telephone network and further evolution toward fixed-mobile network convergence  
**Yasunao MISAWA** (KDDI Corporation, Japan)

Opportunities and challenges for a global system vendor  
**Keith MAINWARING** (Cisco, USA)

Call server based evolution scenario in China  
**ZHAO Hui Ling** (China Telecom, China)

Evolution from PSTN to NGN in China  
**FAN Dongyang** (SCNB, China)



## Summary/Conclusion

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- QoS in Access and Core now implemented based on priority schemes, all new mechanisms need to be cost efficient for ROI
- voice and messaging services implemented on IP as a first step, MM services coming next
- migration scenarios depend on operators environment and regulatory aspects
- IMS sufficiently stable to be implemented as element of NGN
- differences wrt. to regulation between fixed and mobile networks cause different migration speeds towards NGN



## Consequences for Standardisation

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- architecture needs to be modular to enable „plug-in“ concept
- priority for open interfaces may vary depending on local market
- international standards for unified database/SHLR standards (data models and protocols) may be needed later based on local implementations
- NGN needs to take requirements on openness, like access to the Internet, into account