September 7, 2011

From Mail to SER
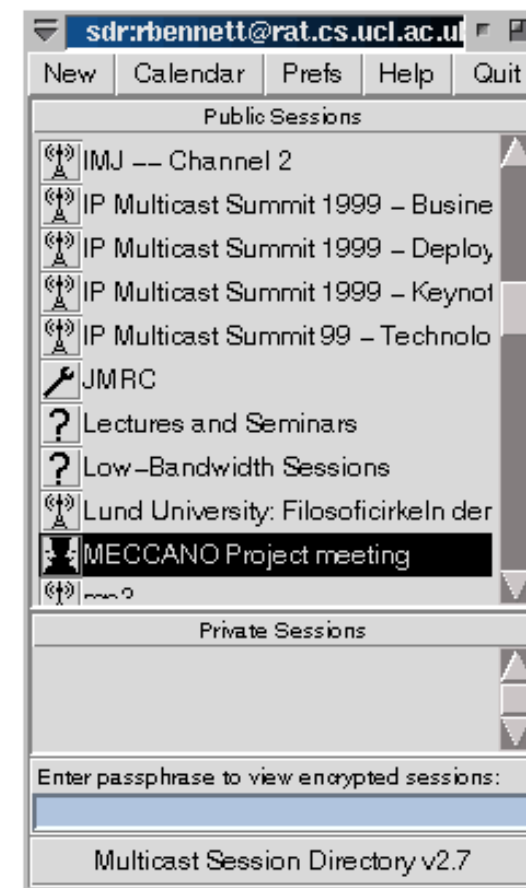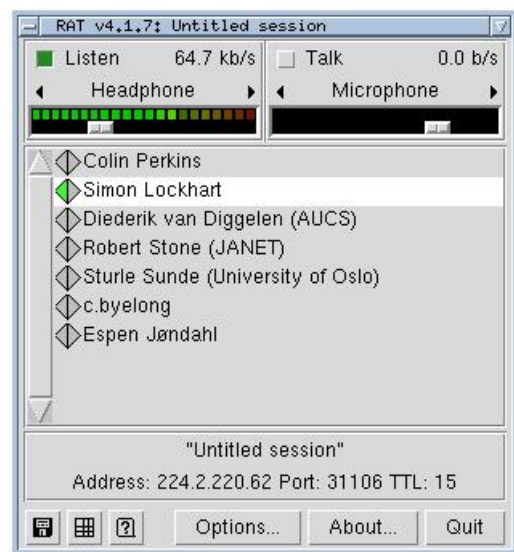
Dorgham Sisalem

Tekelec. For What's Next.

1996: The MBONE Tools

1998: Multimedia Internet Terminal
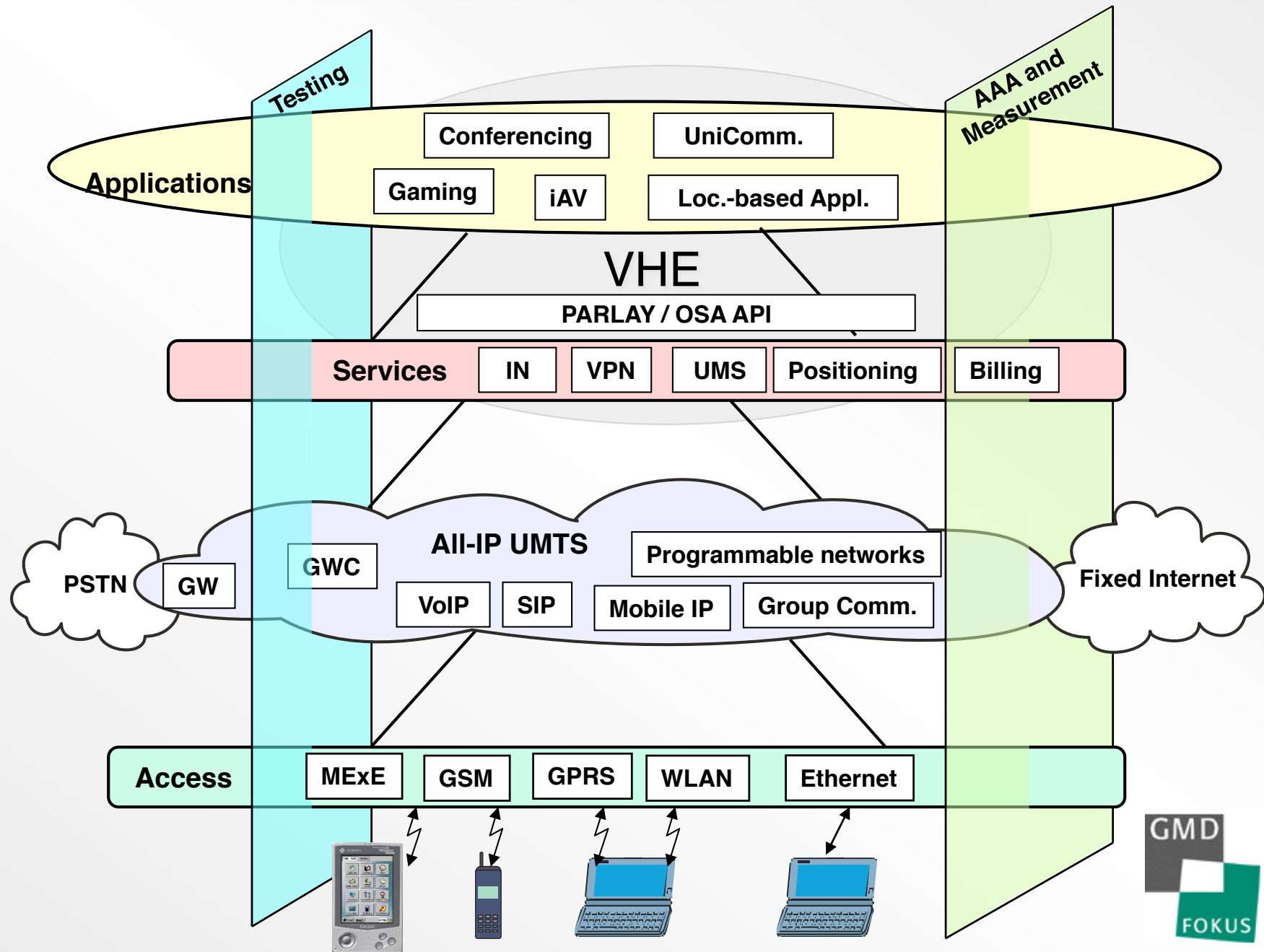
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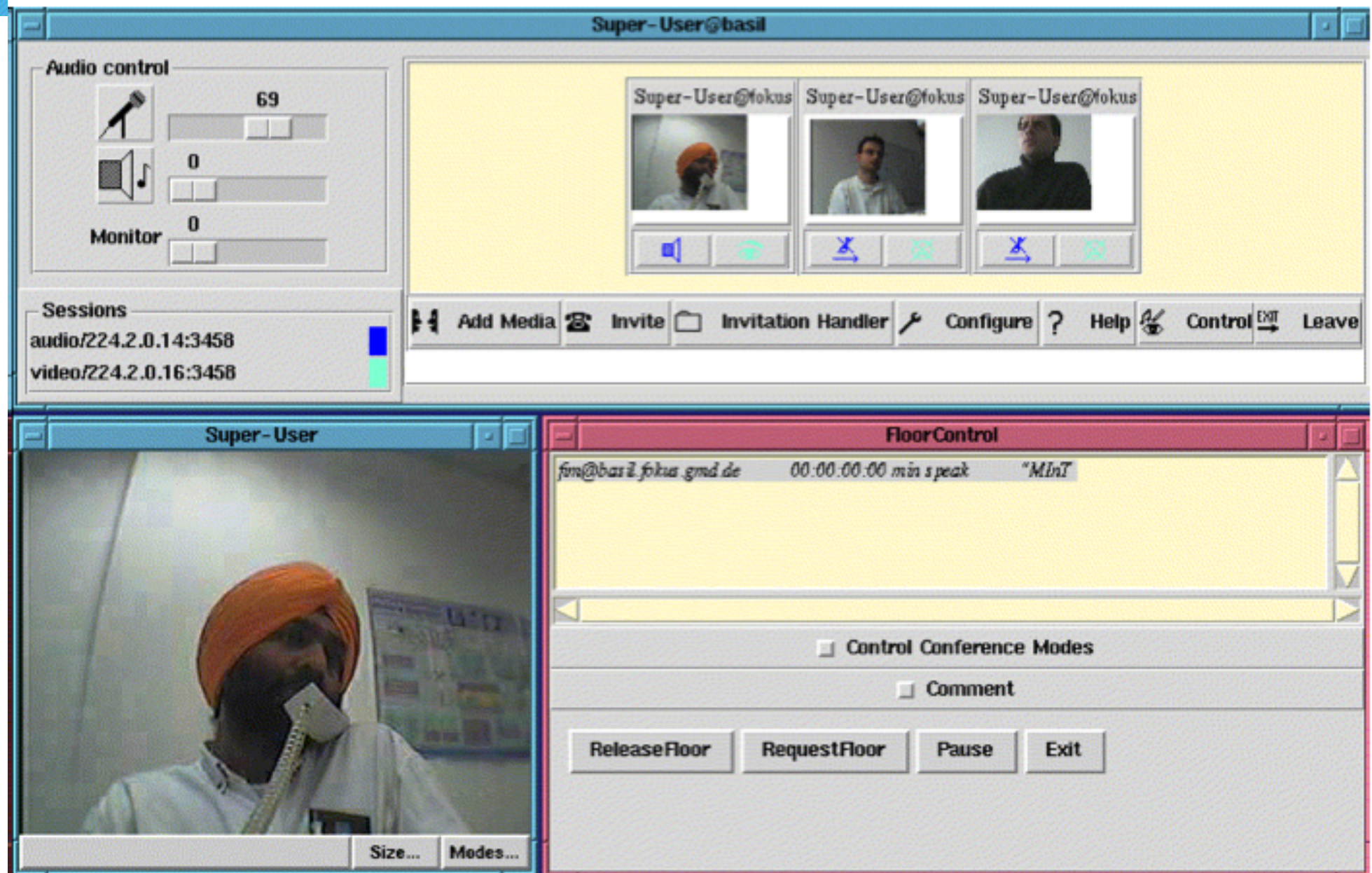
MobIS: The Vision
Mobile-IP Based Communication Platform

- Provide basic technologies needed for ALL-IP UMTS networks

- Design and realize the necessary components for seamless mobile communication

- Support VHE-Like services based on Internet protocols

- Work towards an IP-based service creation environment

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ALL-IP UMTS Activities Overview

Testing

AAA and Measurement

Applications

- Conferencing
- UniComm.
- Gaming
- iAV
- Loc.-based Appl.

VHE

PARLAY / OSA API

Services

| IN | VPN | UMS | Positioning | Billing |

All-IP UMTS

PSTN

GW

GWC

Programmable networks

VoIP | SIP | Mobile IP | Group Comm.

Fixed Internet

Access

MExE | GSM | GPRS | WLAN | Ethernet

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Telephony Lab

- Implementation of SIP stack and applications

- Interoperability and quality evaluation of telephony components from different vendors (Cisco, Siemens, 3Com, U. Columbia …)

- Involvement in IETF, SIPForum ……

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Money and People

› Groups at Fokus need foreign financing of > 70%

› SIP proxy is a practical thing but not fancy

- How to finance something that does not sound fancy

› Solution

- Make SIP sound fancy!
  - It is not VoIP but NG multimedia communication platform
  - It is not CPL but service creation platform
  - It is not IP but IPv6
- Work efficiently
  - Consulting for DT ....
- Public funding
  - Jiri is given money for travel and dor for business plan