T-110.5290

# Seminar on Network Security
## Autumn 2006

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# Todays topics

The seminar days

Presentations

# Seminar days

- Two days 11. - 12.12.
  - Monday 9.00 – 16.40
  - Tuesday 9.00 - 12:40
- Presentations from 1-2 topic areas, then a break

# Schedule: Session 1 (9:25 - 10:40)

- Identity management and protection
  - Annu Myllyniemi: Identity Management Systems A Comparison of Current Solutions
  - Jussi Malinen: Windows CardSpace
  - Jimmy Kjällman: An Overview of Approaches to Privacy Protection in RFID

# Schedule: Session 2 (11:00 - 12:15)

- MANET and WLAN:
  - Ernesto Jimenez Caballero: Vulnerabilities of Intrusion Detection Systems in Mobile Ad-hoc Networks - The routing problem
  - Timo Hassinen: Overview of WLAN security
  - Kristiina Karvonen: Usability of WLAN Hotspots Access: a Literature Review

# Schedule: Session 3 (13:15 - 14:55)

- Home networking/Security protocols
  - Kaarlo Lahtela: How Do People Use Security in the Home
  - Jukka Tornberg: Access Control in Home Networking
  - Eerikki Aula: Better-Than-Nothing security
  - Billy Bob Brumley: Blinding Self-Certified Key Issuing Protocols Using Elliptic Curves

## Schedule: Session 4 (15:15 - 16:30)

- NAT/Firewall traversal and VoIP:
  - Tapio Korpela: IT Security Evaluation of Skype in Corporate Networks
  - Fakher Atout: NAT/Firewall traversal: Issues and solutions
  - Pauli Vesterinen: User authentication in SIP

## Schedule: Session 5 (9:15 - 10:55)

- Privacy and ethics/P2P Systems:
  - Anssi Kolehmainen: Are we living in 1984
  - Mikko Lipasti: Role of Ethics in Pervasive Computing Security
  - Hai Ren: Comparison of Trust Model in Peer to Peer System
  - Lin Wang: Attacks Against Peer-to-peer Networks and Countermeasures

## Schedule: Session 6 (11:15 - 12:30)

- Authentication architectures and systems:
  - Sateesh Kavuri: Distributed AAA
  - Timo Olkkonen: Generic Authentication Architecture
  - Matti Liljavirta: Authentication in eTKK

## Deadlines

- Slides uploaded to Optima 8.12. at 12.00 (noon)
- Opponent report 18.12. 12.00 (noon)
- Warranty signed by 12.12.
- Course feedback by end of year
- Fixed papers by end of year (Optima)

## Todays topics

The seminar days

Presentations

## What makes a presentation good?

Tip 1:

# Learn your presentation

Tip 2:

# Respect your time slot

Tip 3:

# Use simple and loose slides

# Other tips

- Motivate your audience
- Focus on key issues
- Know your audience
- Maintain a consistent color scheme
- Use animations with caution

# Other tips

- Use quality pictures and figures
- Proof and check your slides for errors
- Keep eye contact with your audience, don't stare at your slides

# Summary

1. Keep your slides simple
2. Design a good structure for your presentation and use of time
3. Look at and talk to your audience
4. Learn your presentation and topic