

PA168 – Postgraduate seminar on IT security and cryptography

Vašek Matyáš (D. Cvrček, J. Staudek)

Email: matyas@fi.muni.cz

Office hours: Mon & Wed 12:00-13:00 (B415)

Typical seminar structure

- 1-2 presentations for the start
- Discussion related to above
- News/developments update
 - Recent news (Crypto-Gram, comp.risk, etc.)
 - www.buslab.cz – more next week
 - New results/achievements

Your presentations

- O (Own work)
 - On the topic of your current research / interest
 - Ideally as a training for your needs
 - Presentation for a conference/workshop, thesis, etc.
- R (Reading)
 - Presentation of a recent paper
 - Papers proposed during the term (2 in few minutes)
 - Detailed review of the paper with discussion
- N (News)
 - Presentation of news from the last week (or so)

Marking & Language

- The course primary language is English!!!
 - In Czech only when the ultimate target for your presentation requires this
 - M.Sc. thesis presentation
 - Czech conference presentation
- Mark comprises: O & R presentations 40% each, N presentation 20%
 - Then 90-50% map to A-E, P to 75%
- Other activities (conference report, etc.) can yield up to 10% bonus

All presentations

- Well structured
 - Slides (projector care – Marek Kumpošt)
 - Agreed length respected (practice beforehand!)
- Time allowance is 30-35 minutes for O, R
 - 20-40 minutes for N 😊
- Guest talk
 - Fergus Toolan – topic TBA(?info retrieval - mobiles)
- ***Book your dates with me by March 6!!!***

“R” Talk Topics

- Feb 27 - Dissecting the Leaf of Trust
 - <http://www.lysator.liu.se/~jc/wotsap/leafoftrust.html>
- Mar 3 - Security protocol design by composition
 - <http://www.cl.cam.ac.uk/TechReports/UCAM-CL-TR-657.html>
- March 10 - Anonymity and traceability in cyberspace
 - <http://www.cl.cam.ac.uk/TechReports/UCAM-CL-TR-653.html>
- March 17 – EMV standards and security/crypto

“O” Talk Dates

- March 6
- March 13
- March 20
- March 27
- April 3
- April 10
- April 24 – Honza Krhovjak
- May 15
- (May 22)

“N” Talk Dates

- Feb 20 – Honza Krhovjak
- March 6
- March 13
- March 20
- March 27
- April 3
- April 10
- April 24
- May 15
- (May 22)