T-79.5502 Advanced Course in Cryptology

Spring 2006, Period IV Instructor: Kaisa Nyberg





Tue	Mar 28 Mikko Kiviharju: ID-based authentication frameworks and
Thi	phillines (Ch 13) April 20 Vesa Veskelainen: $RSA-OAFP$ (Section 15.2 + naners)
Tue	 April 25 Vesa Vaskelanen: (Section 15.2 + papers) April 25 Aleksi Hänninen: Cramer-Shoup public-key cryptosystem (Section 15.3 + papers)
Thι	ı April 27
•	Santeri Saarinen: Strong and provable secure ElGamal type signatures (Section 16.3 + papers)
•	Alessandro Tortelli: RSA and Rabin signatures, signcryption (Section 16.4-5 + papers)
Tue	• May 2 Samuli Larvala: Bellare-Rogaway model (Section 17.3 + papers)
Tue	May 4
•	Mika Silander: Interactive proof system and examples (Section 18.2 + papers) and
•	Sami Kauppinen: Zero-knowledge properties and protocols (Section 18.3 + papers)