

APPLIED CRYPTOGRAPHY - Lessons

(Winter Semester 2016/17)

- 1. Introduction to Cryptography**
- 2. Stream ciphers**
- 3. Block Ciphers, DES and Alternatives,**
- 4. AES**
- 5. Public-Key Cryptography, RSA,**
- 6. Discrete Logarithm Based Cryptography**
- 7. Elliptic Curve Cryptography**
- 8. Digital Signatures,**
- 9. Hash Functions**
- 10. Message Authentication Codes (MACs)**
- 11. Key Establishment**