# Information Theoretic Security

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Springer-Verlag Gmbh Nov 2009, 2009. Taschenbuch. Condition: Neu. Neuware - ICITS 2007, the Second International Conference on Information Theoretic - curity, was held in Madrid, Spain, May 25-29, 2007. The rst one was held on Awaji Island, Japan, October 16-19, 2005, as the 2005 IEEE Information T- ory Workshop on Theory and Practice in Information-Theoretic Security (ITW 2005,Japan). The General Chair of ICITS 2007,Javier Lopez, and the Organ- ing Committee were responsible for local organization, registration, etc. Modern unclassi ed research on cryptography started with Shannon s work on cryptography using information theory. Since then we have seen several - search topics studied, requiring information theoretical security, also called - conditional security. Examples are anonymity, authenticity, reliable and private networks, secure multi-party computation, traitor tracing, etc. Moreover, we have also seen that coding as well as other aspects of information theory have been used in the design of cryptographic schemes. In the last few years there have been plenty of conferences and workshopson specializedtopicsincryptography.ExamplesareCHES,FSE,PKCandTCC.In view ofthe multitude oftopics incryptographyrequiringinformationtheoretical security or using information theory, it is time to have a regular conference on this topic. This was rst realized by Prof. Imai (then at University of Tokyo, Japan), who organized...

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