

Applications Research on Information and Communication Technologies (ICT) for Trust and Confidence

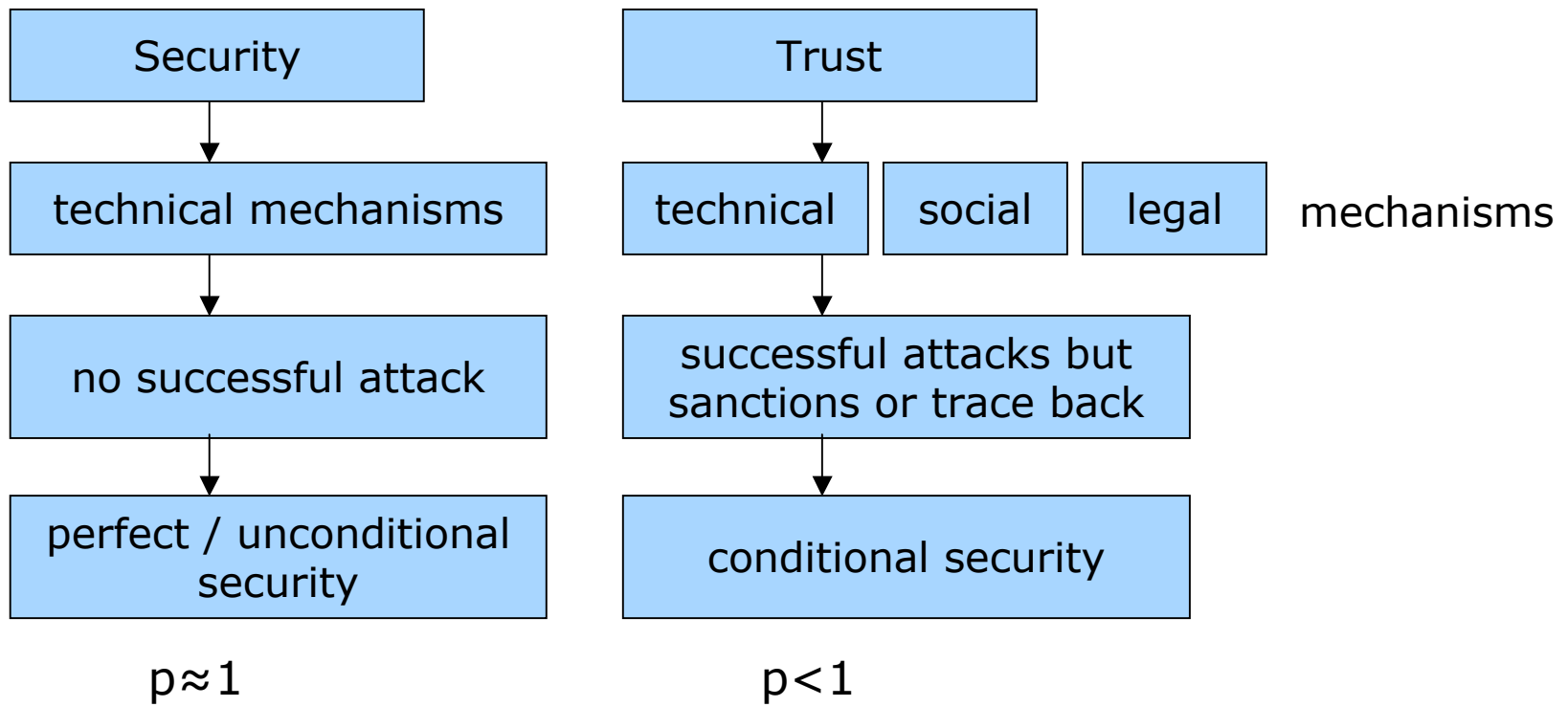
– Potential Future Research Issues –

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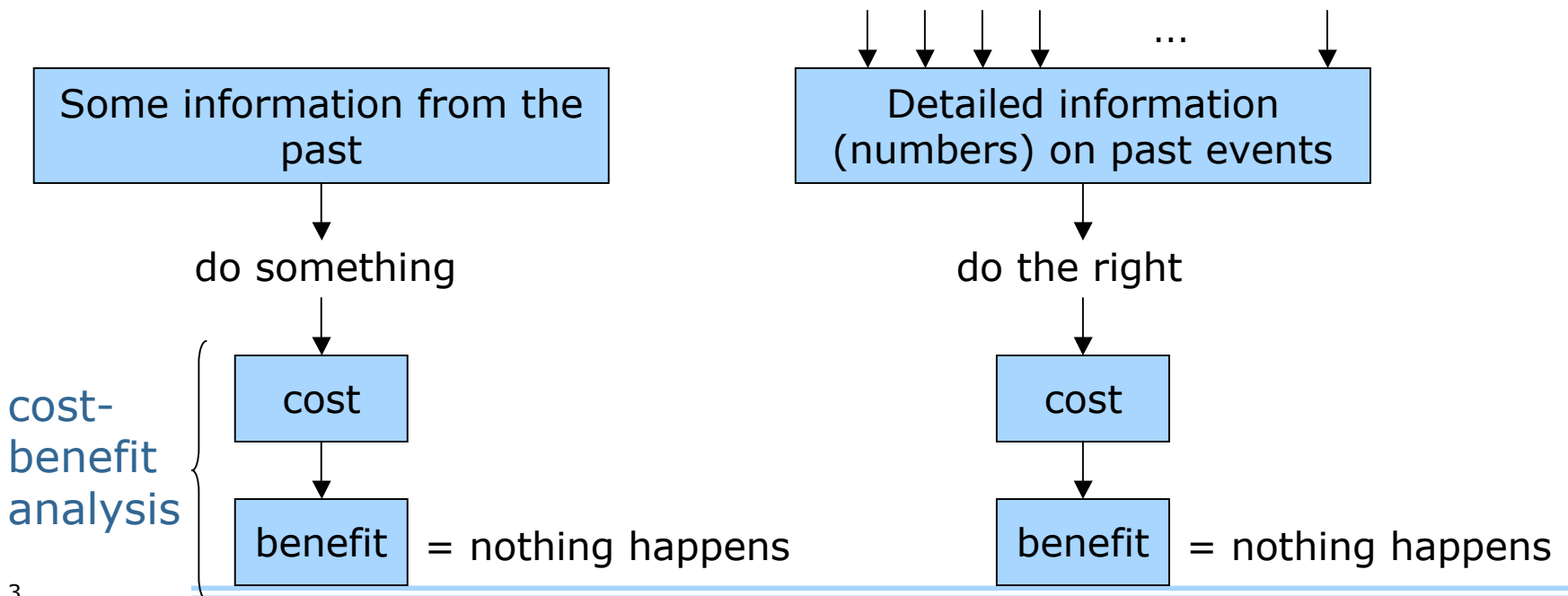
Potential Future Research Issues

- Metrics of Trust
 - reputation management where strong security mechanisms are not feasible



Potential Future Research Issues

- Economical aspects of information security and trust
 - Risk analysis needs input:
 - probability of a security-related event and
 - level of damage (cost in case of ...)
 - Problem:
 - enterprises are not willing to reveal such information
 - loss of reputation/trust



Potential Future Research Issues

- Anonymity and untraceability as a core technology for almost every privacy respecting application
 - Open research issues
 - performance aspects
 - scalability of privacy
 - legal restrictions (law-enforcement)

Mobile Systems

- smart devices
- RFID
- MANETS
- VANETS

E-Commerce/Government

- e-payment
- information retrieval
- elections
- ...

Summary

Potential Future Research Issues

1. Metrics of Trust
2. Economical aspects of information security and trust
3. Anonymity and untraceability as a core technology for trust

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