

# Foundations of Trust in Future Internet: From FIA Topics to FI Research Challenges

## FIA Topics

Emerging threats

Provenance

Economics of security

Legal Frameworks

Identity and Privacy



## Research challenges for roadmap

Anticipating threats – proactive vs. reactive

Combating the ‘underground economy’

Quantifying risk and consequences

Enabling reasoned security investment decisions

Productive trust –citizens in control of risks they take

Quality of information – how do we know to trust it?

Addressing ‘linkability’ and rights/obligations

Trust between people / Trust in data and information

Designing FI to incorporate legal principles

Transparency Enhancing Technologies

User interfaces that put users in control

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Building ID Provisioning into core FI Platform