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# **Security and Sovereignty in the Information Technology Supply Chain**

## **A Workshop upon Invitation**

The workshop is planned for discussing:

- The understanding of threats and vulnerabilities of the IT supply chain including hardware (e.g. real world counterfeits, backdoors, Trojans; conceptual attacks)
- Assessment of risks in industry, infrastructures and governments
- Resilient and trustworthy systems: Discussion of resilience, verification and protection methods and hardening technologies:
  - o on hardware and integrated circuit (IC) level
  - o on kernel- and system-level
- The security management of the whole supply chain and life-cycle, from the application level to the tools used in hardware production
- Investment perspectives regarding countermeasures (including trustworthy designs, trusted fabs, transparency, IC verification and testing, trustworthiness of staff)
- Initiatives and projects addressing, e.g., means to find investors or venture capital, policy incentives, scientific issues, or technical implementation.

It is aimed that the workshop will lead to an exchange of information regarding awareness, potential risks and solutions. It is intended to identify collaboration opportunities and draw up a roadmap for future projects and prospective solutions. The workshop should lead to take first actions on a European or national level.



## **Preliminary agenda**

1. Introduction to workshop
2. Risks in the supply chain
3. Technical paths
4. Economic and regulatory paths
5. Next steps, e.g. further meetings, production of a White Paper, project preparation

For each agenda item, the organisers will ask a participant to prepare a brief introduction.

## **Place and Time**

Place: Fraunhofer SIT, Rheinstraße 75, 64295 Darmstadt, Germany

Date: Thursday, January 12, 2017

Start: 9:30

End: Networking and continued discussions during dinner