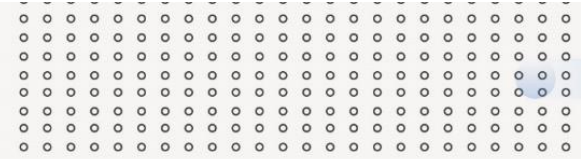




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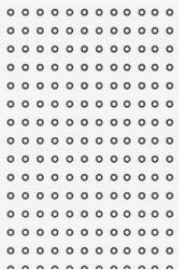


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Overview



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Cybersecurity Research Program

Five research pillars

1. Self Sovereign Identity (SSI)

- Decentralized Authentication and Authorization Framework
- Trusted Digital Interactions
- DIDs and VCs

2. Privacy Preserving Techniques

- Zero-Knowledge Proof (ZKP)

3. (embedded) Trusted Computing (TC)

- HW Digital Identity (e.g. Secure Elements, TPM and PUF)
- Software Integrity (e.g. Secure / Authenticated Boot and Remote Attestation)
- BFT Distributed Computing (e.g. Smart Contracts)

4. Distributed Ledger Technology (DLT)

- IOTA Tangle L1 and L2
- Building Block of advanced cybersecurity solutions

5. Cyber Security and Space-Based Services

- Open Service Navigation Message Authentication (OSNMA), to protect navigation information from the GALILEO satellites and propagate them securely to network nodes on earth. Trust in navigation information (position and time) and secure transmission over terrestrial networks.