**Distributed Secure Source Coding**

PhD student: Minh Thanh Vu,
Supervisors: Tobias Oechtering, Mikael Skoglund

**Goal:** Fundamental trade-offs between compression and information leakage.

**Applications:** Distributed storage, big data compression

**Methods:** Information theoretic security

**Results:**
- Lossy storage with limited failure loss [1]
- Polar coding for secure lossy source coding with side information, *in preparation*.

---