

Available master thesis topics for ISS

Professor Matti Rossi

- Smart Cities
- Automotive industry software ecosystem
- Blockchain implementation studies
- Large scale enterprise system implementations and architecture
- IS Project management
- Open source business models, open data
- NFT applications
- Metaverse

Available master thesis topics for ISS

Professor Virpi Tuunainen

- AI based services
- Platform based services
- Collaborative consumption and sharing economy
- Digital games and entertainment services
- Smart traffic services
- Digital payments
- Digitalization and IS in healthcare
- Technology overload
- *Other topics are negotiable!*

Available master thesis topics for ISS

Associate Professor Penttinen Esko

- Meaningful interplay between machines and humans in information-intensive work processes
- Overcoming discontinuities and challenges in virtual work environments
- Business process development in electronic financial value chain
- Business Process Outsourcing (BPO) in financial value chain
- Robotic Process Automation (RPA)
- Adoption of electronic financial statements and eXtensible Business Reporting Language (XBRL)

Available master thesis topics for ISS

Associate Professor Yong Liu

- AI-based services or robotic services
- Business intelligence
- Online services
- E-commerce
- Text analysis
- Data-driven analytics
- *Other topics are negotiable!*

Available master thesis topics for ISS

Assistant Professor Hadi Ghanbari

- Information Security and Privacy in:
 - organizations (e.g., business continuity, corporate strategy)
 - digital services (e.g., smart apps, software supply chain)
 - society (e.g., cyber awareness, cybercrime, cyberbullying)
- Human Factors in Software/Systems Development (e.g., Technical Debt)
- Sustainability & Smart Cities (e.g., Smart Sustainable City, Urban Analytics for Sustainability)
- *Other topics for Qualitative & Design Science Research are negotiable*

Available master thesis topics for ISS

Associate Professor Riitta Hekkala

- Social and organisational aspects of information systems
- Success and failure of information systems
- The role of emotions and identity in information systems/ - Role of emotions in IS implementations, adoption and use
- Information technology (IT) and the changing nature of work
- Post-implementation dynamics of IT in the workplace
- Information system (e.g., ERP) implementations
- *Other related topics...*

Available master thesis topics for ISS

Adjunct Prof., Principal University Lecturer Bragge Johanna

- Bibliometrics: utilizing text-mining and visualization tools in large-scale literature reviews on a selected research topic.
 - See example on External Resource Management research: <https://www.sciencedirect.com/science/article/pii/S0148296318306696>
 - See also "Guidelines for advancing theory and practice through bibliometric research": <https://www.sciencedirect.com/science/article/pii/S0148296322003824>
- Other topics can be discussed, e.g. related to sustainable digitalisation (EU's green and digital transitions), collaboration engineering, virtual facilitation, user-centred IS development

Available master thesis topics for ISS

Research Fellow Niina Mallat

- Semi- and fully autonomous vehicles (including drones, robot buses, consumer car automation, delivery robots, etc.), from the perspectives of:
 - Business models and ecosystems
 - Trust, adoption and usage

Available master thesis topics for ISS

Postdoc Kari Koskinen

- Digital platforms
- Digital innovation
- Ethics and IT
- Technology and trust/privacy
- IT implementation in organizations
- ICT for development/in the global South
- ICT in arts and culture
- *Other topics are negotiable*