

5.10.2022 Mediabrunssi

NOVI – Tietojohtamisen yksikkö

Prof. Marko Seppänen

marko.seppanen@tuni.fi

+358 40 588 4080

Twitter@DrSeppanen

NOVI – Strategic research focus areas

MANAGEMENT OF INFORMATION SYSTEMS

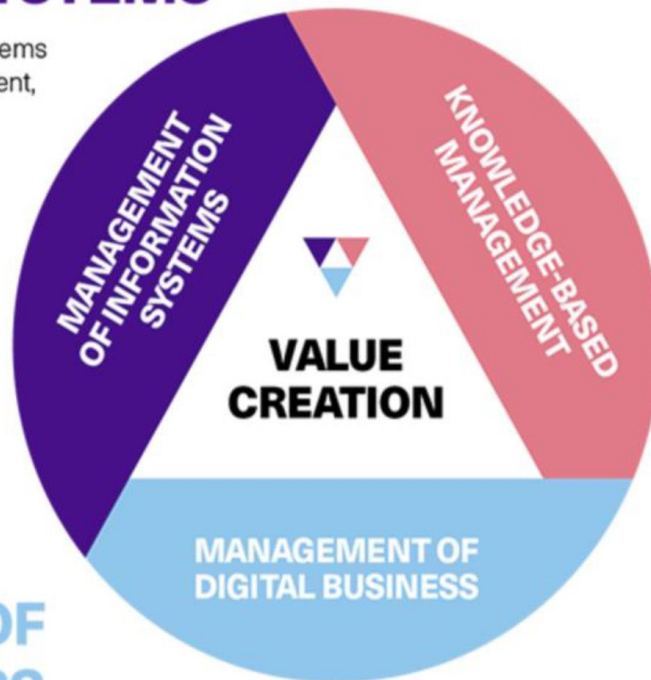
Information systems use, Information systems adoption, Information systems management, Enterprise architecture

KNOWLEDGE-BASED MANAGEMENT

Knowledge management, Intellectual capital, Business and data analytics, Data-based decision making

MANAGEMENT OF DIGITAL BUSINESS

Business models, Ecosystems, Data economy, Platforms



NOVI in numbers

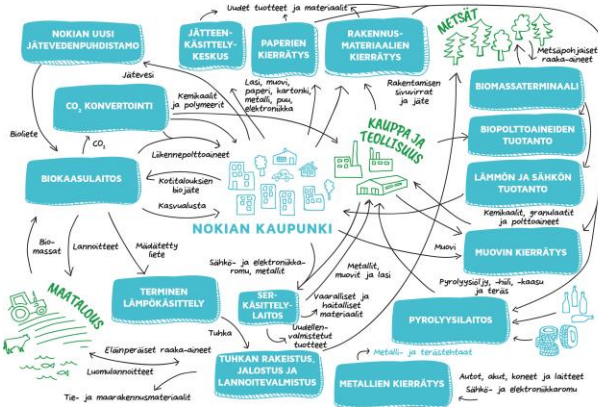
- Eight professors (5 full, 2 assoc, 1 assist.)
- 40+ researchers and teachers + assistants
- 75-85 MSc degrees per year, 1-4 D.Sc.s
- 70+ publications per year
- <https://researchportal.tuni.fi/en/organisations/information-and-knowledge-management>

Short description

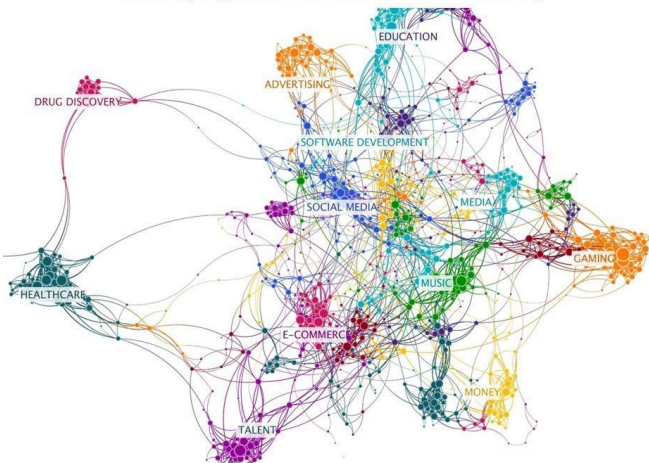
- Our research excellence lies **not only on research quality** and outlets, but also on the **high topicality and societal impact** of our research
- **High demand** for knowledge management and knowledge work-related research topics and phenomena
- **Close and long-term collaboration with industry** (companies, public sector) important **for research and societal impact**
- **Organizational flexible capability and motivation to combine different expertise** from different teams and areas of expertise
- **Multidisciplinary** of our research brings benefits (and challenges), e.g.
 - We can address extensive and complex information and knowledge related phenomena
- Measurably **high staff satisfaction and motivation**

Examples of research areas and projects

Ecosystem emergence and building (innovation, business, circular economy ecosystems)



Emerging Global Platform Economy



Source: P. Evans, Center for Global Enterprise with data and visualization from Quid, 2015



MOSAIK

Metod för Offentlig Sektors Arbete med Innovationskultur

Vilho Jonsson, curlabs AB, Sverige
 Johan Bäckman, curlabs AB, Sverige
 Anu Suominen, Tammerfors Universitet, Finland
 Jessica Fogelberg, Knivsta kommun, Sverige
 Eric Eriksson, Knivsta kommun, Sverige

ROBOECO

Yhteistyöllä kohti monialaista kasvua.

Ekosysteemin uudistumisen johtamismalli (Satakunnan pk-ohjelmistoyritykset ja robotiikka-,IoT-, tekoäly- ja automaatioyritysten (RITA-konsortio)

Some other research topics (not comprehensive)

- Recommendation systems for decision support
- Social media and artificial intelligence in e-commerce
- Data-driven digital customer experience management
- Public sector digitalization, e.g. ICT enabled transformation in health sector
- PPX business models in different manufacturing contexts



Project

SIX
Sustainable Industry X

Future Electrified Mobile Machines "FEMMa"

“Porin” tiimissämmme tutkivat ja opettavat



Anu Suominen, TkT
Yliopistonlehtori



Rainer Breite, TkT,
dosentti, yliopistonlehtori,



Jukka Huhtamäki, TkT
Yliopistotutkija



Antero Hirvensalo, TkT
Tutkijatohtori



Marko Seppänen, TkT,
professori, yksikönpäällikkö,
koulutusvaradekaani



Erjon Skenderi, MSc
Doctoral researcher



Krista Sorri, DI
Yliopisto-opettaja,
väitöskirjatutkija



Tapio Salminen, DI
Yliopisto-opettaja



Givemore Muchenje, MSc
Doctoral researcher



Saeid Heshmatisafa, Msc
Doctoral researcher