SSE / Enterprise Systems

Kari Hiekkanen & Mikko Heiskala
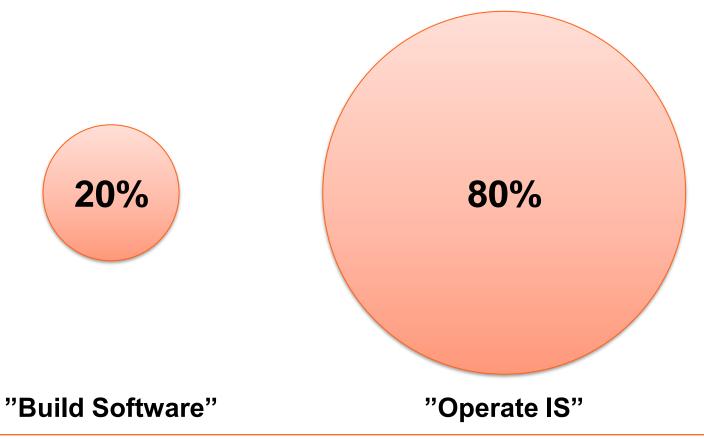*2021-09-06*

Software Runs the World !

Data is the New Oil !

… all run and managed by enterprises

Enterprise Systems

What & Why

- Digitalization is everywhere and data and information systems are critical for all organizations both internally and externally.

- The **Enterprise Systems** track provides the knowledge, competences, and skills You will need to act successfully in the industry to tackle these challenges and opportunities.

- The focus of track is on the level of strategy and business models, IT organizational issues and governance and management of information assets in organizations over their lifetime

When I grow up, I want to be …

Where our Alumni Work?

- IT Management (Manager) / IT Consultant
- Product Owner / Service Owner / Project Manager / …
- Enterprise Architect / Chief Enterprise Architect / …
- Head of Customer Solutions at a Large Media Company
- Chief Technology Officer at Large Bank
- Vice President, Digital,
- Venture Capitalist
- …

Course Portfolio 2022 – 2023

Course	Cr	Period	Teacher(s)
CS-E5300 Enterprise Systems Architecture	5	I	(Kari Hiekkanen)
CS-E5310 ICT Enabled Service Business and Innovation	5	II	Mikko Heiskala
CS-E5330 IT Governance	5	II	(Kari Hiekkanen)
CS-E5340 Introduction to Industrial Internet	5	IV	TBA
CS-E5380 Digital Ethics	3-5	V	Marko Turpeinen Kari Hiekkanen
CS-E5000 Seminar in SSE	5	-	various
CS-E5002 Individual Studies in SSE	-	-	various

About Me
Kari Hiekkanen

Principal Lecturer, Haaga-Helia UAS

Visiting Researcher / Teacher, Aalto (part time)

Prior history

- Research Fellow
  Aalto CS   2008 – 2022

- Vice President, Technology (CTO)
  Logica Finland (WM-data Oy)   2003 – 2008

- Director, Technology (CTO)
  Novo Group   1998 – 2003

- Founder & CEO
  Artis Oy   1993 – 1998
  New Generation Software Oy   1989 – 1998

D.Sc. (Tech) in Computer Science 06/2016 @ Aalto University
M.Sc. (Tech.) in Computer Science 12/1992 @ HUT

Faculty: CS-E5310 & CS-EJ5311

Mikko Heiskala

Doctoral Candidate

His research interests include solutions, digital services and platforms and platform economy. He teaches numerous courses related to service business and digital services both CS and IE departments

Aalto IE Teacher of the Year, 2021-22