

Laboratories/Research groups taking part in the TEAM project at Aalto UNIVERSITY

Thematic field	Laboratory/ research groups and subjects	More details	Website	Contact person	Contact email
Information and communications theory	Department of Communications and Networking	The information theory group study <i>computational methods in discrete mathematics and information theory</i> . Especially, the research focus is on existence and classification problems of mathematical objects.	http://comnet.aalto.fi/en/research/	Raimo Kantola	Raimo.Kantola@aalto.fi
Communications and networking technology	Department of Communications and Networking	The communications and networking technology research integrates expertise from communications theory, communications engineering, mobile core networks, network function virtualization and cloud communications, routing and trust and Internet technologies. The current research focuses on developing advanced radio communication systems and internet technologies for <i>5th generation mobile communication systems</i> . There the focus is on <i>flexible spectrum use, Internet of things, ultra-low latency communications, network protocols and software, virtualization and cloudification of networks, network big data, energy efficiency of ICT</i> as well as on <i>network security, trust, and resiliency</i> .	http://comnet.aalto.fi/en/research/	Raimo Kantola	Raimo.Kantola@aalto.fi
Communications ecosystem	Department of Communications and Networking	The communications ecosystem research area analyzes the needs, demands, behavior and economics of users, operators and other players of the market place.	http://comnet.aalto.fi/en/research/	Raimo Kantola	Raimo.Kantola@aalto.fi
Computer Science	The Department of Computer Science	The school's Science-IT is part of the Finnish Grid and Cloud Infrastructure (FCGI). The FCGI research infrastructure provides effective decentralized computational capacity for all branches of science as well as industrial cooperation for the utilization of the newest grid and cloud technologies. Its goal is to combine resources from various parts of Finland into one broad platform for intensive, demanding computational tasks	http://sci.aalto.fi/en/research/	Eija Kujanpää	Eija.kujanpää@aalto.fi