

Department of Communications and
Networking

Comnet

Olav Tirkkonen
Professor
Helsinki University of Technology (TKK)

- **largest technical university in Finland**
- **and oldest**
 - 100 year this autumn

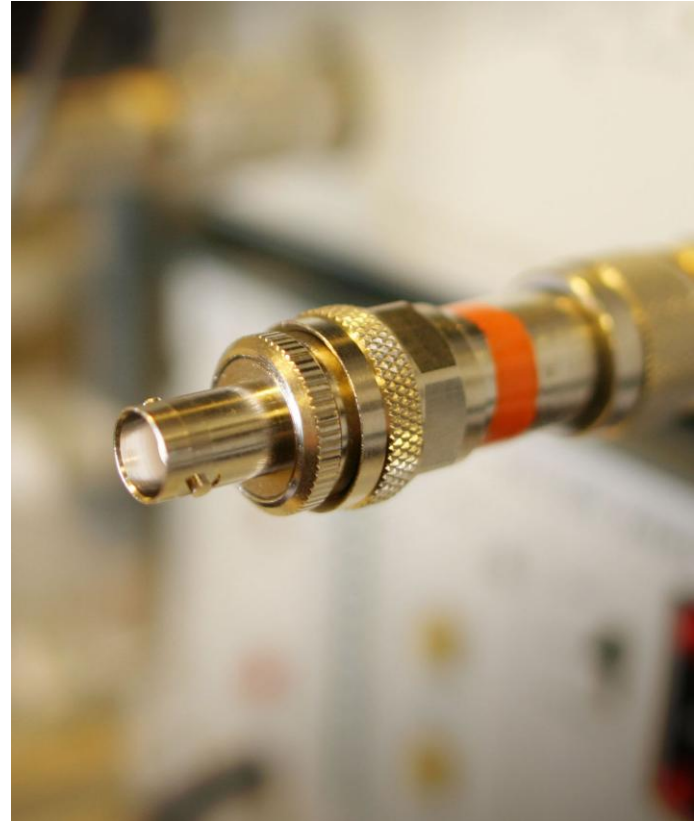
What is Comnet?

**Department of Communications
and Networking
at
Helsinki University of Technology
(TKK)**



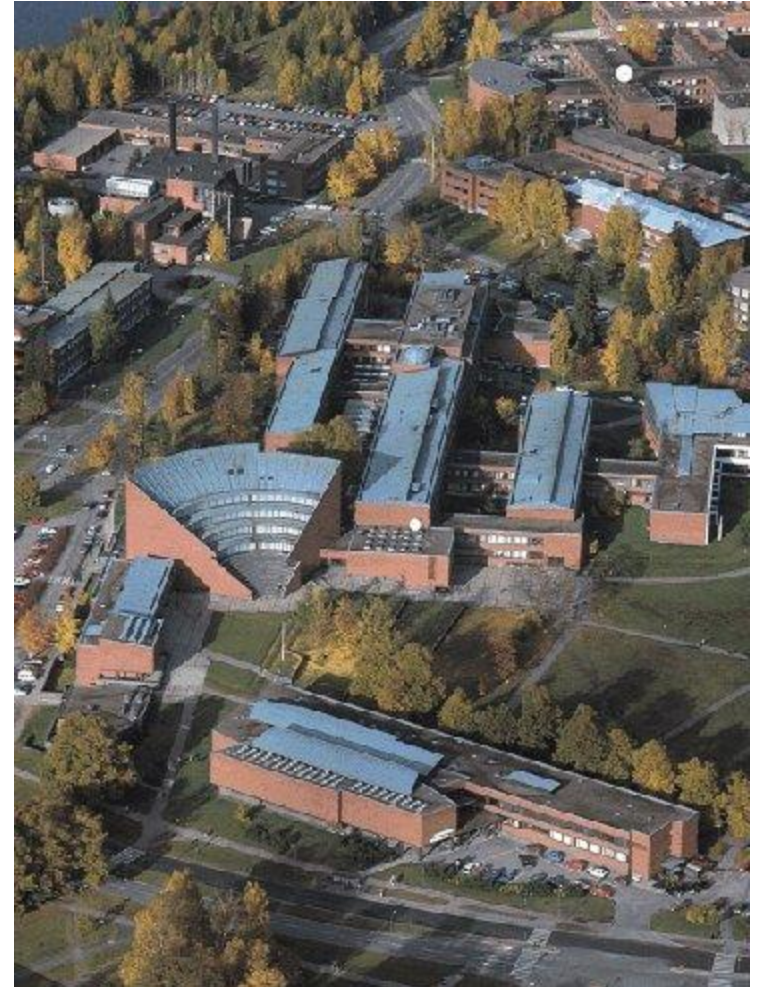
What is Comnet?

- **9 full professors**
- **~90 staff**
- **~ 50 active research projects**
- **~ 80 MSc and 6 PhD degrees / year**

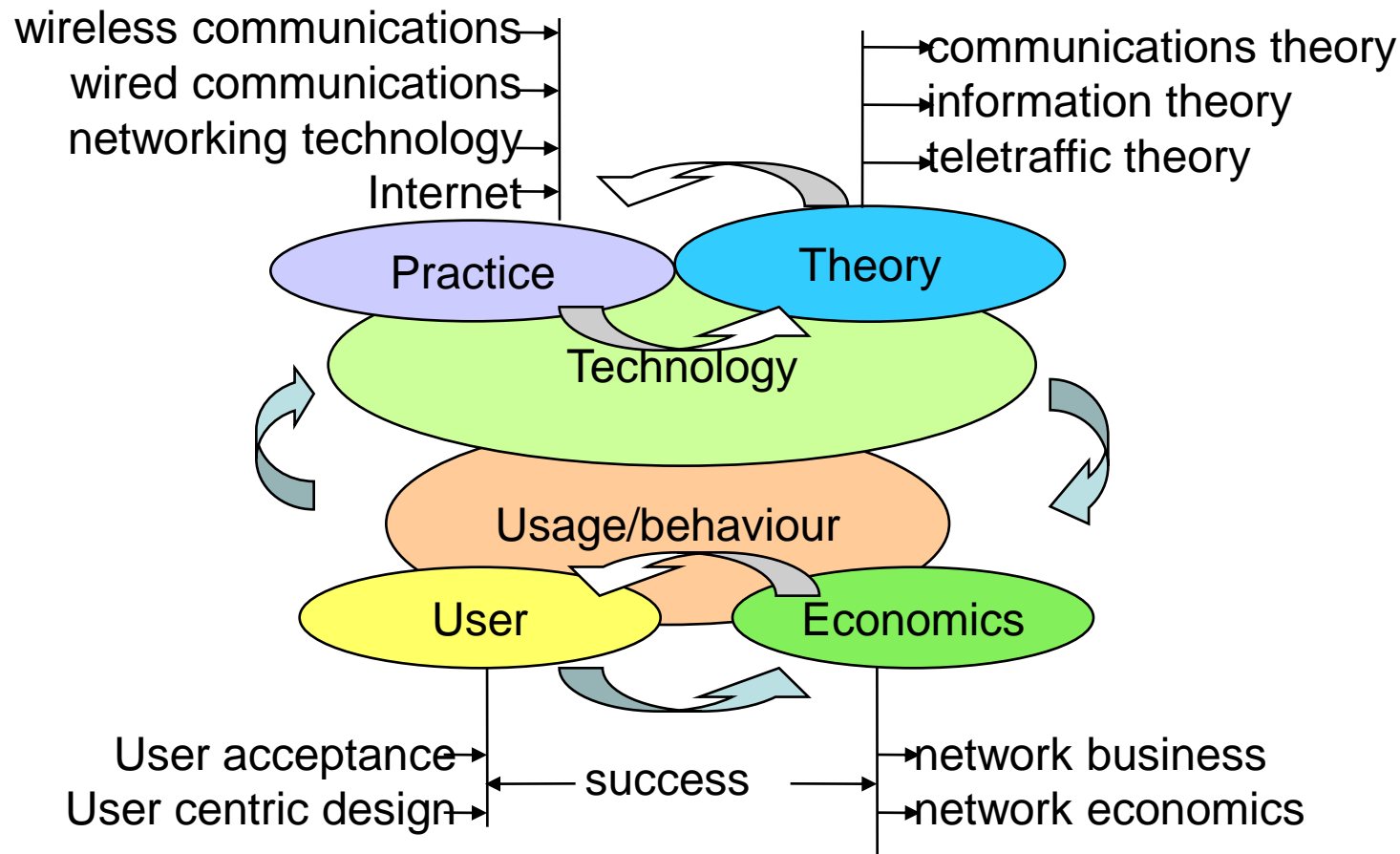


Teaching and Research

- **Wireless communications and networks**
- **Communication and information theory**
- **Network engineering and teletraffic theory**
- **Internet technologies**
- **Network economics**
- **Human factors in communications**



Multidisciplinary



Comnet professors and research topics



Jyri Hämäläinen

- Wireless systems, future radio networks, network design, 3GPP stds



Riku Jäntti

- Wireless systems, radio communications, radio resource management, 3GPP, IEEE stds



Olav Tirkkonen

- Communication theory, wireless systems, physical layer, 3GPP stds



Patric Östergård

- information theory, discrete mathematics and algorithms



Raimo Kantola

- Networking, Future Internet, Network Research Lab



Heikki Hämmäinen

- Network business, network economics, usage studies, ICT SHOK



Jukka Manner

- Wireless networking, Future Internet, ICT SHOK, IETF, NSIS signaling



Jörg Ott

- Disruption/delay tolerant networking, Future Internet, Multimedia protocols, IETF



Jorma Virtamo

- Teletraffic theory, performance analysis, ICT SHOK, Euro-NF