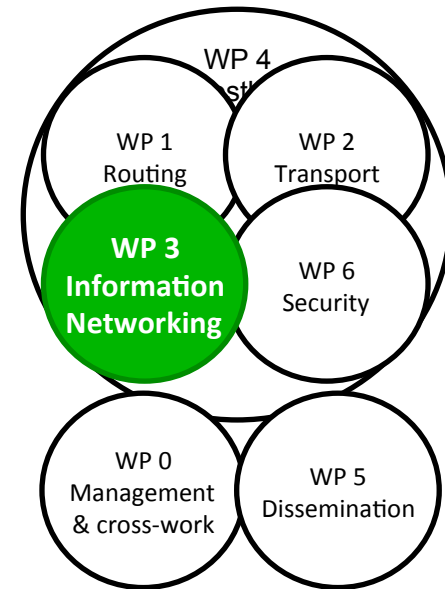
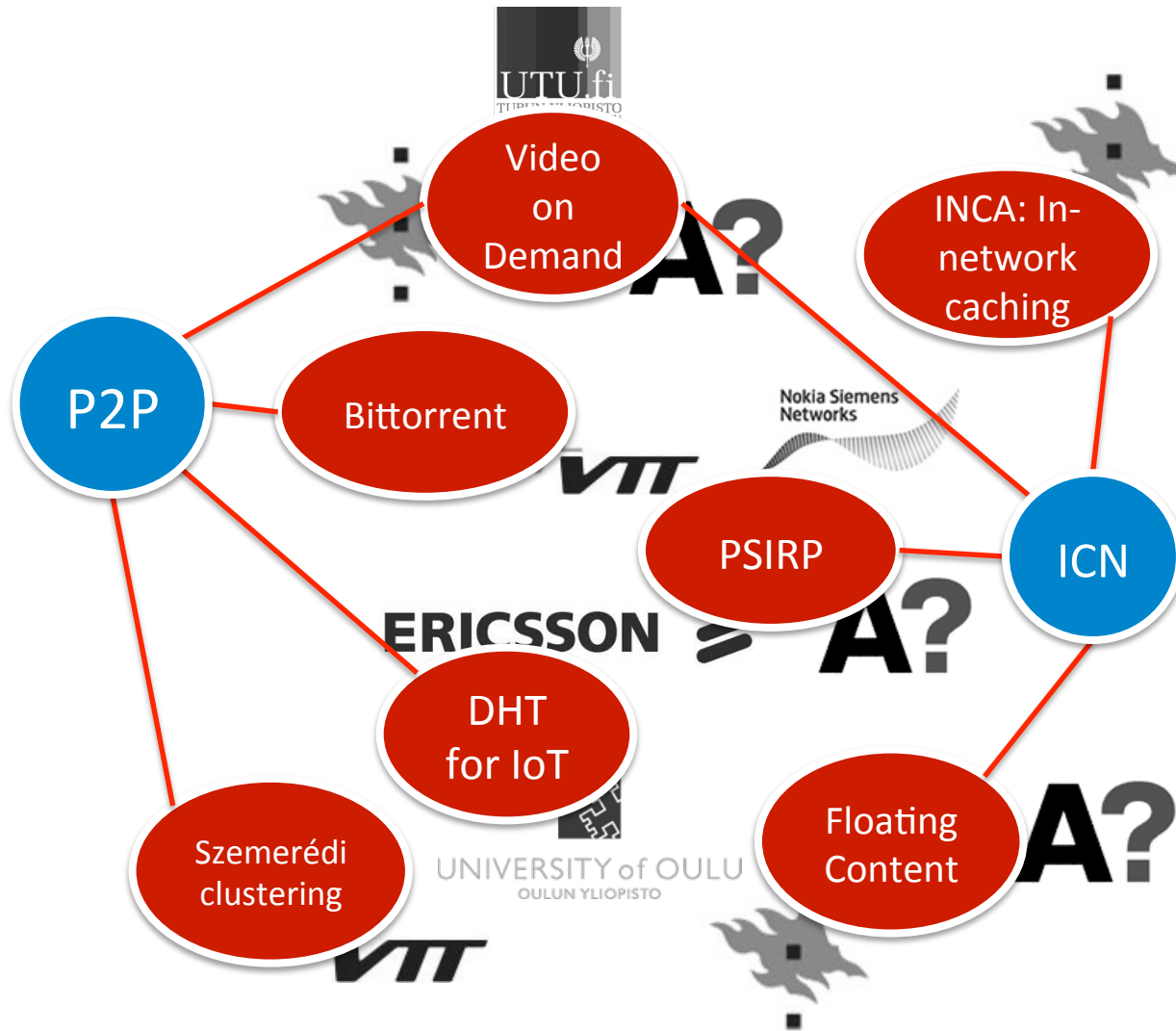




**Future Internet WP3:
Revisiting Information Networks**

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General Areas



Three Revolutions

- First revolution: **Connecting wires**
 - Telephone network
- Second revolution: **Connecting hosts**
 - Original Internet
- Third revolution: **Connecting information**
 - Information-centric networking, a.k.a. information networking, a.k.a. data-oriented networking, ...
 - Not just end-to-end data delivery anymore.

Information Networking Vision

- Global information dissemination architecture

Content providers:

- Commercial
- Users
- Other

Content consumers:

- Humans
- Machines

Remember:
Beneficial for both
content providers
AND users

Initial Key Challenges

- Storage:
 - How should information be represented?
- Dissemination:
 - How should content move around the network?
- Access:
 - How do users express what they want?

WP3 Highlights



- Inter-domain economics and scalability
- P2P Video-on-Demand
- BitTorrent streaming
- P2PSIP and DHTs
- P2P for M2M
- Floating content
- PSIRP
- Prototypes for information-centric networking

Results Summary

- Publications Accepted 43
- PhD Thesis 4
- MSc Thesis 11
- BSc Thesis 1
- Conferences/Workshops 37
- Standardization (IETF), posters and lectures.
- Prototypes.
- Influence (PSIRP/PURSUIT, IoT SHOK and MAMMOTH)



Thank you!

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