

COMMUNICATION, MEDIA & INFORMATION TECHNOLOGIES



THE COMMUNICATION, MEDIA AND INFORMATION TECHNOLOGIES SECTION (CMI)

DEPARTMENT OF ELECTRONIC SYSTEMS

TECHNICAL FACULTY OF IT AND DESIGN, AALBORG UNIVERSITY

The overall research area of CMI is digital transformation focusing on the ICT applications in an interdisciplinary perspective. Three research areas are prioritized: Design and Architectures, Cyber Security and privacy, and Digital Media.

RESEARCH

KEY RESEARCH AREAS

The general challenge that CMI is working with is to develop ICT infrastructures and solutions that are sustainable socially, economically and environmentally.

Specific focus is on new cloud /edge architectures, cyber security, privacy and trust, usability including usable privacy, media convergence and new business models.

WHAT WE DO

Research results are used by companies developing, offering and implementing ICT solutions, and public sector authorities governing market and social developments. Prominent examples are cloud, IoT, cyber security and privacy.

Other examples are media platforms, cross-border digital government services, and media and telecommunications regulation.

KEY PROJECTS

DIGINNO

The project examines industrial use of advanced ICT solutions in the Baltic Sea Region, including cross-border digital government.

CAMP

Converged Advanced Mobile Media Platforms has contributed to the development of new research areas at CMI and a start-up company developing new media platforms.

ERASMUS +

CMI is involved in a number of ERASMUS + projects focusing on research on teaching activities/methods.

PUBLICATIONS

IMPORTANT PUBLICATIONS

- › [Public private partnerships as a tool for stimulating investments in broadband](#)
- › [FloCoin: A Cryptocurrency for Computation Offloading](#)
- › [Need for Broadband Infrastructure in a 2020 Perspective](#)
- › [Handbook on ICT in Developing Countries: Next Generation ICT Technologies](#)
- › [Before and After GDPR: The Changes in Third Party Presence at Public and Private European Websites](#)
- › [Autonomously detecting sensors in fully distributed botnets](#)



AALBORG UNIVERSITY
DENMARK

COLLABORATION

WHO BENEFITS FROM OUR RESEARCH

CMI research is particularly relevant for industries developing new technologies, companies and end users adopting technologies, and institutions governing technology developments.

EXTERNAL PARTNERS

CMI cooperates with companies developing and implementing ICT solutions, e.g. TDC, Motorola, Microsoft, Media at hand and Bluetown.

CMI also cooperates with public sector authorities that regulate and establish frameworks for market developments.

Furthermore, CMI has close bilateral collaborations with Danish and foreign universities, and participates in international research associations and conference organizations.

VIDEO PRESENTATION



CONTACT

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