

OCG Working Group (WG)

“NETWORK INTELLIGENCE – THE FUTURE OF NETWORKING (NET-IT)”

Lead: Karin Anna Hummel (JKU Linz) and Paul Smith (AIT)

Approved by the OCG board on November 20, 2018; started in January 2019

Website: <http://net-it.tk.jku.at/>

Vision and Mission – Purpose, Content, and Aim of Working Group

Networking is ubiquitously involved in today’s IT infrastructures, work-processes, and personal every-day life. Besides demanding high throughput, low latency, and 24/7 availability of the network, systems that have been traditionally closed, such as cyber physical system, open to standard networking technologies in smart homes, in cities, and on streets. On the other hand, huge amount of data is available in the network to be leveraged for optimization. We believe there is a momentum for making the **next step in networking towards smarter technologies and intelligent protocols** that make use of – and contribute to – the current progress in data analysis and **machine learning**.

The **OCG working group NET-IT provides a platform open to all researchers and practitioners who are excited about bringing forward networking technologies** and shaping the future of networked systems. With our working group activities, we mainly plan to **connect experts** and become a **competence cluster for networking research in Austria** with open channels to international partner groups.

Why participating?

Being a member of the working group NET-IT allows you to **grow your professional network** in the field, **make and receive announcements of job offers, new projects and initiatives**, participate in **publication, project, and conference organization efforts**, and to be invited to **research and technology talks on hot networking topics**.

NET-IT welcomes members from academia and industry, junior and senior researchers and practitioners, and members of ministries, regulation and funding agencies. **Membership is light-weight** meaning that we meet twice a year and you define how much you want to get involved in initiatives. To become a member, send an email to the working group leaders.

Lead and Contact

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