



D3.9: Supervisory Board

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Acronym: ACT5G

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Contents

0	Executive Summary	4
1	The ACT5G Supervisory Board.....	5
2	Supervisory Board Composition.....	6



0 Executive Summary

This report details the function and composition of the Supervisory Board for ACT5G. For the overall role of the Supervisory Board within ACT5G, we refer to Deliverable D3.2, where all the project bodies and interactions thereof are detailed.

1 The ACT5G Supervisory Board

The project Supervisory Board (SB) comprises the most senior members of each of the four partner sites (Prof. Yuan, Prof. Capone, Prof. Ephremides, and Dr. U. Barth), their brief credentials are given in the following section of this report.

The role of the SB is to evaluate and steer the Academic and Industrial Supervisors (AS, and IS) with respect to their Early Stage Researchers' (ESRs') progress. To this end, the SB holds a yearly meeting, physically or via telepresence. These obligations of the SB have been defined in the final draft of the Consortium Agreement, presently being finalized and to be signed by the legal representatives.

The inputs for the SB in these meetings are (i) the annual research reports from the ESRs along with a presentation from each one of them, and (ii) the progress feedback report from the AS and IS. The aim is to evaluate performance and outcomes, and propose future directions for ESR progress in respective view of the research program, the study program, and the industrial visibility and exploitation potential of the outcomes. With these, the SB produces an annual progress evaluation report for the ESR, the AS and the IS, steering the research to maximize knowledge transfer and identifying any corrective measures.

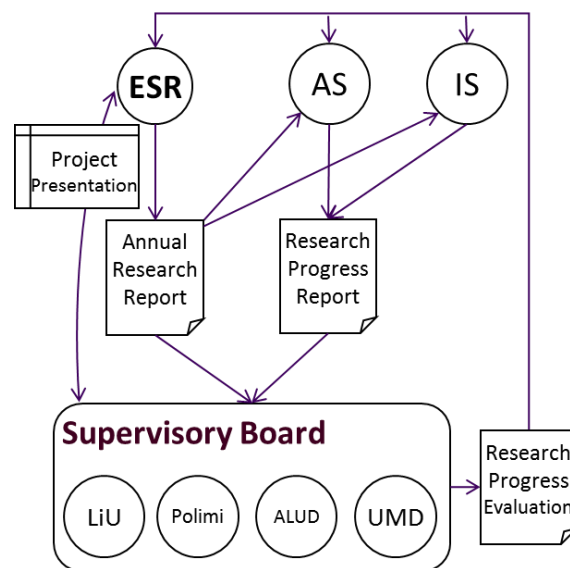


Figure 1: The interaction of the SB with the ESR, AS and IS



2 Supervisory Board Composition

- 1. Di Yuan [LiU – Professor; ACT5G Coordinator]** is heading the Mobile Telecommunications group at LiU. He has published over 120 refereed journal, conference articles, and book chapters, and holds a 2012 IEEE ICC Best Paper Award. He has been an invited lecturer by the European Network of Excellence EuroNF, and visiting professor at the University of Maryland in College Park, USA. His research includes analysis and mathematical performance optimization of wireless networks. He has supervised 6 PhDs, over 30 MScs, and has developed and delivered over 10 courses in the last 5 years. The background of Prof. Yuan justifies his leading role in ACT5G. Organizationally, he is also well-suited, given his experience of being the Principal Investigator of projects handling over €6 million, funded by national funding agencies and the EU within the FP7 and Horizon 2020 programmes.
- 2. Antonio Capone [Polimi – Professor; SiC]** is the director of the Advanced Network Technologies Laboratory (ANTLab) at Politecnico di Milano. Prof. Capone is a co-founder and CTO of Mobi-MESH, a spin-off company of Politecnico di Milano and has a solid industrial experience through many national and/or industrially funded projects. His research training expertise is on networking, and he has supervised 17 PhD's, examined over 200 MScs, and developed 5 graduate courses, three of which delivered in other universities. His research includes protocol design (MAC & routing) and performance evaluation of wireless multi-hop networks, traffic management and quality of service issues in IP networks, applied optimization. On these topics he has published more than 200 peer-reviewed papers in international journals and conference proceedings, with a 2013 IEEE Globecom Best Paper award and 6 patents.
- 3. Ulrich Barth [ALUD – Head of Smart Wireless Networks]** received his Diploma Degree on Telecommunication from the FH Trier, Germany, and joined Alcatel Research in 1988. His technical focus is on radio communication research. As Technical Project Manager he has been responsible for the UMTS research activities in the Research Centre Stuttgart. Currently he is heading the department for Radio System Optimization of the Bell Labs' Wireless Access Domain, with several teams working on systems beyond 4G. At his positions he has been actively involved in standardisation activities in ETSI and 3GPP, international research forums like MWIF and WWRF, as well as European research projects.
- 4. Anthony Ephremides [UMD – Distinguished University Professor; SiC]** holds the Cynthia Kim Professorship of Information Technology at the Electrical and Computer Engineering Department of the University of Maryland in College Park, USA, where he holds a joint appointment at the Institute for Systems Research, of which he was among the founding members in 1986. In 2012 he was named Distinguished University Professor, the highest honour of the University of Maryland. He is the author of several hundred papers, conference presentations, and patents, with more than ten thousand citations. His research interests lie in the areas of communication systems and networks and all related disciplines, such as information theory, control and optimization, satellite systems, queuing models, and signal processing. He has supervised of over 25 PhD Dissertations, over 60 MScs, and has hosted dozens of interns. In the past 5 years he has delivered numerous courses at the University of Maryland, both at undergraduate and graduate level on the topics of information theory, queuing theory and digital communications and networks, and given lectures and/or short courses in over 10 universities around the world.