

Welcome to the first newsletter of WASP! The aim is to present recent activities within the program.

The previous year of WASP has been devoted to continue the build-up and evolution of WASPs four main instruments: a research program with the best researchers in the field, recruitment of both leading and young researchers, a graduate school in close interaction with Swedish industry and arenas for research and demonstration in collaboration with industry and other parties.

Eight new WASP professors have been recruited and one more position is in progress. In particular, the software area has been strengthened. There has been a second intake of both university (24) and industrial (21) PhD students with a kick-off meeting taking place January 8, 2018.

Based on the strategic research projects and key challenges pushed by industry WASP has started two research arenas. PhD students are active in the WARAs, where they are engaging in project courses this fall. Read more about the WARA activities below!

Internationalization has also been in focus where Memorandum of Understanding have been signed with Stanford, Berkeley, and NTU Singapore.

Through an expansion of the program, WASP will also pursue excellence in mathematics and AI/Learning, topics that will be in focus during the upcoming year. Keeping the mission of WASP in mind, the program is well on its way to build a world leading platform for academic research with industry interactions, to develop knowledge and competence for the future.

Lars Nielsen,
Program Director

WASP ISAB meeting

The second WASP ISAB meeting took place in Rönneberga, Stockholm 6-7 September and gathered the International Scientific Advisory Board and WASP directory board for presentations of **WASP activities and discussions about the way forward**.

New Member in ISAB

Professor Gunnar E. Carlsson is new member of the **International Scientific Advisory Board**.

WASP Research Arenas

The WASP Research Arenas are in execution and will be utilized by researchers and PhD students during the fall for project courses. Read more about the activities of **WARA-CAT (Collaborative and Autonomous Transport)** and **WARA-PS (Public Safety)**.

WASP-NTU joint workshop

A follow up workshop between WASP and Nanyang Technological University (NTU) took place in Stockholm 18-19 October, to **continue the work started during a previous visit and workshop at NTU, and to initiate discussions** on the new topics of Cryptography/Cybersecurity and Software in Autonomous Systems.

Strategic Recruiting to the Software Area

Meet Professor Benoit Baudry and Professor Martin Monperrus, two of the **newly recruited WASP professors at KTH**.