

EECS Research & Impact Day

August 2024

Smart Mobility Lab and DISCOWER

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Smart Mobility Lab

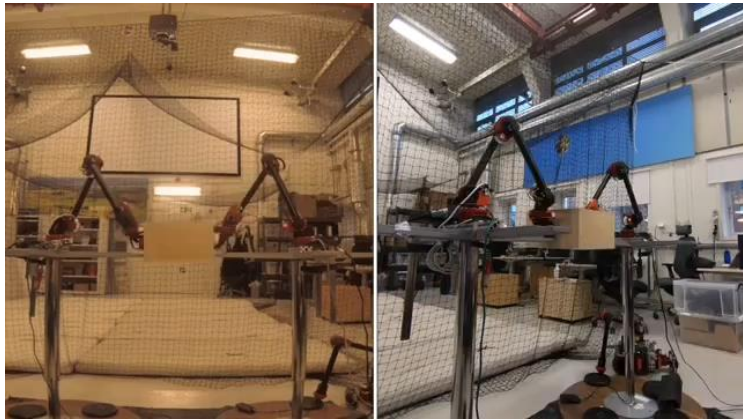
<https://www.kth.se/is/dcs/research/control-of-transport/smart-mobility-lab/smart-mobility-lab-1.441539>

- Experimental work on (decision and control of multiple) *mobile* autonomous systems
- Various research pillars: aerial robotics, connected and automated transport systems, cooperative manipulation, human-in-the loop systems, space and underwater robotics

Some pics and videos

Transport systems

Aerial robotics



Human-in-the-loop control

Cooperative manipulation

WASP DISCOVER

<https://discover.io/>

- Control, planning and validation in *weightless* environments
- Space Robotics Lab at SML: three free-floating platforms, mocap, ground control station, simulator. SW collaboration with NASA's astrobee experiments
- DF/VINNOVA funding for water tank for KTH based underwater experiments



Christer Fuglesang



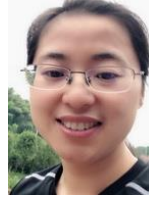
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