At Hannover Messe, scientists from L3S will present their project "SmokeBot". The aim is to improve the environment perception of mobile robots in scenarios with low visibility due to fog or smoke, e.g. L3S is responsible for research topics like sensor data fusion (light-based sensors and radar), thermography, (hazard) situation analysis and information modeling. Robots for emergency response and disaster management will satisfy an upcoming field with a high demand of risk reduction for first responder personnel as well as reduced mission costs. These applications require new perceptual and cognitive robotic capabilities. SmokeBot is being supported by the Horizon 2020 support programme of the EU and realized together with international and national partners.

The [Hannover Messe](https://www.hannover-messe.de), the world's leading trade fair for industrial technologies, takes place from 23 to 27 April 2018 at the fairground in Hanover. L3S is co-exhibitor at the booth of Lower Saxony (hall 2, booth A 08).

**L3S with SmokeBot at the Hannover Messe**