Abstract

In this talk, I will briefly present my academic background and my research path. Then I will more specifically present my work in the context of the Thymio II educational robot and the Aseba software framework. I will present the studies on using these technologies to teach computer science concepts to students as young as primary-school children, and the methods to validate this teaching. I will then present the latest developments, in particular in the direction of global localization for educational robot and augmented reality. Finally, I will outline the outstanding challenges and future work.

About the Speaker

Dr. Stéphane Magnenat is a postdoctoral researcher at EPFL. He received his M.Sc. in Computer Science in 2003 and his Ph.D. in Mobile Robotics in 2010, both from EPFL. He worked as associate research scientist at Disney Research Zürich and as a senior researcher at ETH Zürich.

All are welcome!
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