

Title:

Applying mobile robotics and human robot interaction research to the startup world: the WYCA experience and other examples

Abstract:

How can technology developed in research labs be used today out there by young robotics companies? We will review how the robotics research community produced in the past years an environment favorable to many commercial uses cases, and how industry and research collaborate today. But also, how simple the successful industrial applications are in comparison to what can be seen in labs. Finally, by looking at stories of success and failure, we will conclude on the importance of managing the expectations of the public when it comes to human-robot interaction.

Bio:

Guillaume Doisy received in M.S. mechatronics from Université de Technologie de Compiègne, France, and his MSc in autonomous flying vehicles from Cranfield University, UK, in 2010. Then, in 2015, he completed his PhD in robotics and human factors within the FP7 Marie Curie project INTRO and the Ben Guiron University of the Negev. He is now managing the robotics developments of Wyca, a young robotics startup from Toulouse, France, specializing in service robotics and autonomous navigation.