

Guest Professor Karl Iagnemma

A project in Research for Innovation

– the overarching strategic research programme of Halmstad University, supported by The Knowledge Foundation

Knowledge Foundation ><

Partners:

Kollmorgen; Volvo GTT;

Motivations and goals:

A long standing research and education area at Halmstad University is Mechatronics; an engineering program in Mechatronics was offered already 30 years ago to meet the interest from the regional industry.

The subject currently does not have a professor, but talented younger faculty. The subject is of high industrial relevance and there are several research projects within this field, very often run in cooperation with industrial partners.

The aim with the guest professor position is to strengthen the international network for the younger researchers in Mechatronics and the development of the subject. The subject is part of the new PhD education in Signals and Systems Engineering.

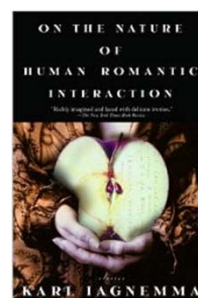
The project extends over the period 2013-2015.

The guest professor:

Karl Iagnemma is Director of the Robotic Mobility Group at Massachusetts Institute of Technology (MIT). He is the co-founder of Gimlet Systems, which specializes in software for autonomous vehicles.

Karl Iagnemma has participated in the DARPA Grand Challenge and DARPA Urban Challenge competitions. He has been nominated for the MacArthur Foundation fellowship.

Karl Iagnemma is the author of more than 200 scientific articles, of which more than 45 are in Web of Science. He is also a talented writer of short stories and novels.



Some results so far:

- Assisted with writing an EU FP7 proposal, CARGO-ANTS, which was approved.
- Assisted in writing other proposals that are still under review.
- Formal co-supervisor for one PhD student at Halmstad University.
- Several visits to Halmstad University, with industrial visits, supervisory discussions, and coaching. Joint publications underway.