

Industrial Robotics

LINK-SIC research area overview, 2008-2017

Svante Gunnarsson - Research Leader, Mikael Norrlöf - Area Coordinator

Team



Svante Gunnarsson
Research leader



Mikael Norrlöf
Area Coordinator



Stig Moberg
Board member /
R&D at ABB Robotics



Erik Hedberg
PHD Student
2016-



André Carvalho
Bittencourt
PHD 2014



Shiva Sander Tavallaey
Board member /
Researcher at ABB CRC



Patrik Liessner
(Axelsson)
PHD 2014



Johanna Wallén
Axelsson
PHD 2011

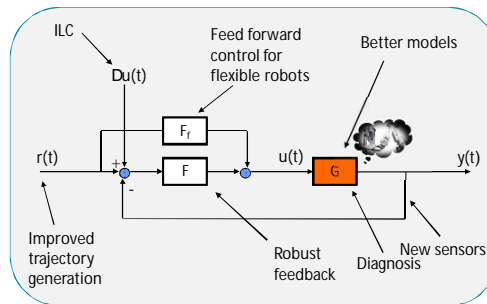


Erik Wernholt
Researcher
2008-2009

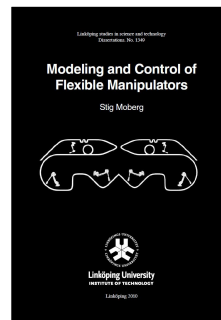
The team has been dynamically evolving over the years and some team members have joined industry while some new team members have joined LINK-SIC at the university. Johanna Wallén Axelsson is now with Saab, Patrik Liessner and Erik Wernholt is with Autoliv. André Carvalho Bittencourt is now with NeoWay in Brazil. Shiva Sander Tavallaey is still with LINK-SIC but she is currently associated with the Aerial Vehicles and Marine Vessels team. The 2017 core team consists of Svante Gunnarsson, Mikael Norrlöf, Stig Moberg and Erik Hedberg. Many more researchers are associated with the industrial robotics area for shorter or longer periods of time, for example acting as supervisors and examiners during Master Thesis projects. Many more researchers and R&D staff at ABB is also working in the project.

Research results

The research within industrial robotics area is covering a broad field shown below. In many of the sub-projects more than one of the items have been included in the scope.



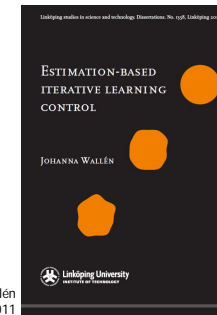
During the period 2008-2017 three licentiate thesis and four dissertations have been produced within the research area.



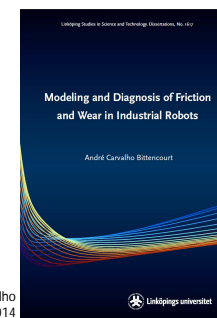
Stig Moberg
2010



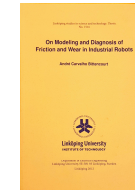
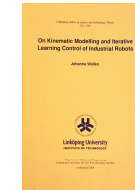
Patrik (Axelsson)
Leissner 2014



Johanna Wallén
Axehill 2011

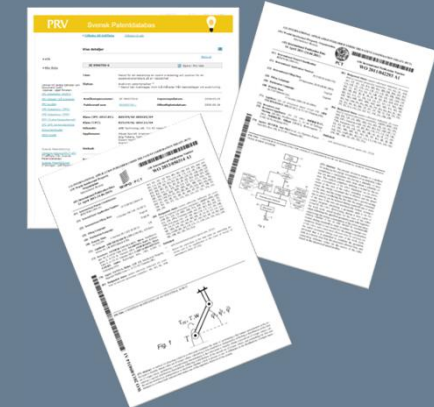


André Carvalho
Bittencourt 2014



Patents

The research in the center has generated spin-offs in patent applications and patents.



Research area in numbers

- 3 licentiate thesis
- 4 dissertations
- 3 patent applications
- 12 MSc thesis projects
- 13 contributions in international journals