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STINT Initiation Grant *Runtime Monitoring* *of* *Unmanned Aerial Vehicles*



Gerardo Schneider

Dept. of Computer Science and Engineering
University of Gothenburg

STINT

Stiftelsen för internationalisering av
högre utbildning och forskning

The Swedish Foundation for International
Cooperation in Research and Higher Education

Get Together
Embajada Argentina en Suecia
27 August 2020

Duration: **1 year** (2019–2020)

Budget: **150.000 SEK**

Exchanges: **4 prof, 2 PhD students**

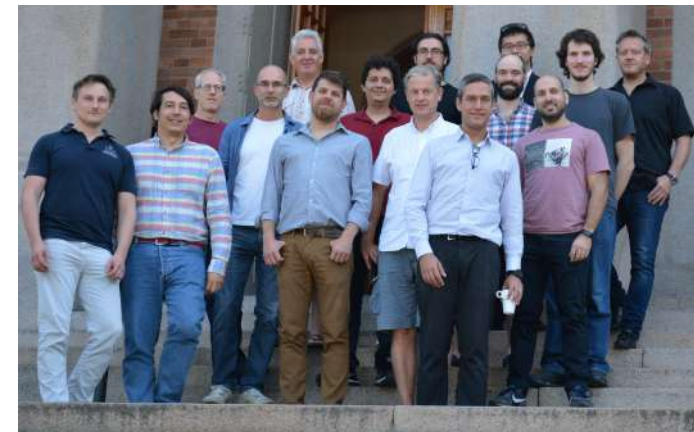
2 full day **workshops**

2 HEC **PhD course**

Lectures and Seminars

1 scientific publication

Inclusive participation





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STINT

- Build a UAV on a fixed wing airplane based on an architecture using Discrete Event Control...
- Build upon a declarative mission specification (e.g., search and rescue/follow, surveillance) of a controller that runs on the plan and interacts with lower software layers that takes high-level commands in an interactive and flexible manner.
- **Aim:** to solve the above problem technically, and promote the dissemination of knowledge through seminars for graduated students in the form of PhD courses as well as open presentations for a more general public.