

Continuous Digitalization: a Vinnova Competence Center by Software Center

Software Center brings together experts from industry and academia to address challenges in and solutions for the software-intensive industry. After a joint proposal to Vinnova the partnership is now expanding to building a Competence Center for Continuous Digitalization, CoDig.

Vision and goals

The CoDig vision is to significantly increase the competitiveness of the Swedish industry by enabling transformation of the software-intensive systems industry into a modern world-leading digitalized industry that fully embraces continuous value delivery by taking advantage of the next generation computing and communications infrastructure. We are continuing to deliver on our mission of accelerating the digitalization of the European software intensive industry.

The overarching *goal for CoDig* is to create a collaboration platform for top-level researchers and the software intensive industry, focused on continuous digitalization. The platform will catalyze synergistic creation, validation and deployment of research results, and thereby facilitate a significant improvement of the competitive position of Swedish industry and academia in an international setting.

The platform will bring together national and international experts in both industry and academia for excellent research and knowledge dissemination. Research will be done in focused work-packages and managed in 6-month sprints that will ensure tight feedback-loops between industry and academia. Knowledge dissemination will be done at multiple levels: from the continuous development of individual experts to life-long-learning of established engineers in industry.

Organization and focus areas:

The research and collaboration in CoDig are organized in four areas:

- AI-supported digitalization
Lead: M. Staron, Chalmers/University of Gothenburg
- Continuous and automated quality assurance
Lead: K. Sandahl, Linköping University
- Continuous safety and security
Lead: J. Carlson, Mälardalen University
- Data-driven digital transformation
Lead: H. Holmström Olsson, Malmö University

Competence Centers by Vinnova

In a competence center, universities, university colleges, research institutes, companies and public actors in close collaboration conduct world-class research in areas that are important for Sweden's competitiveness.

More about Vinnova and Competence Centers:

<https://www.vinnova.se/m/kompetenscentrum/>

Contact us:



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