



## Välkommen till CEDES seminarium på Open Arena Lindholmen

Projektet CEDES och Lindholmen Science Park AB bjuder in till en serie teknikseminarier inom området intelligenta säkerhetssystem för fordon

### Industrial Application of a Light-weight Framework for Software Process Assessment and Improvement Planning

# 7 JUNI

**Datum:** Torsdag 7 juni 2007, kl 11.30 – 12.30

**Föreläsare:** Tekn lic Fredrik Pettersson och tekn lic Martin Ivarsson, Chalmers

**Anmälan:** Senast den 5 juni till [anmalan@lindholmen.se](mailto:anmalan@lindholmen.se). Obs! Begränsat antal platser. Vi bjuder på lättare lunch under seminariet.

**Plats:** Lindholmospiren 5, Lindholmen Science Park, Göteborg.

För vägbeskrivning besök [www.lindholmen.se](http://www.lindholmen.se).

**Mer information:** [www.cedes.se](http://www.cedes.se) eller [www.lindholmen.se/ext/cedes.php](http://www.lindholmen.se/ext/cedes.php)

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Software process improvement (SPI) is challenging, particularly for small and medium sized enterprises. Most existing SPI frameworks are either too expensive to deploy, or do not take an organizations' specific needs into consideration. There is a need for light weight SPI frameworks that enable practitioners to base improvement efforts on the issues that are the most critical for the specific organization.

In this seminar we will present iFLAP (improvement Framework utilizing Light weight Assessment and improvement Planning), a packaged improvement framework containing both assessment and improvement planning capabilities, explicitly developed to be light weight in nature. To set the context, existing frameworks, such as CMMI and SPICE, will be summarized and other related work will be briefly covered. We will then give a step-by-step introduction to process assessment and improvement planning using iFLAP, aimed at software practitioners undertaking SPI initiatives. In addition to introducing the method itself, the industrial application of iFLAP will be exemplified through two industrial cases. In iFLAP assessment is performed by eliciting improvements issues based on the organization's experience and knowledge. The findings are validated through triangulation utilizing multiple data sources. iFLAP actively involves practitioners in prioritizing improvement issues and identifying dependencies between them in order to package improvements, and thus establish a, for the organization, realistic improvement plan. The two cases of iFLAP application in industry are presented together with lessons learned in order to exemplify actual use of the framework as well as challenges encountered.

## Välkommen!



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