



CCGEx at the Royal Institute of Technology (KTH) • www.ccgex.kth.se

Research day program & assessment by the International Advisory Board, 28.10.2016

Competence Center for Gas Exchange @ KTH

Thursday, October 27th, IAB experts and industry guests arrival in Stockholm

Dinner with CCGEx head, IAB, and faculty at CCGEx

Time & Location: TBD

Friday, October 28th

Part 1: CCGEx Research Day

Location: KTH campus, Brinellvägen 85; ITM/MMK

Rooms: Gladan, B242, Pentryt, C435

08:45 - 09:00	Registration & Coffee
09:00 - 09:15	Opening by CCGEx head – Anders Christiansen Erlandsson
09:15 - 10:15	Research Area: Compressor off design Operation (CoD) - Mihai Mihaescu: intro + overview (10+5 minutes) - Three PhD project presentations (10+5 min each) Bertrand Kerres (Exp), KTH - ICE Elias Sundström (CFD), KTH - Mek Raimo Kabral (Exp), KTH - MWL
10:15 - 10:30	Coffee break
10:30 - 11:45	Research Area: HOTSIDE - Mihai Mihaescu: intro + overview (10+5 minutes) - Four project presentations (10+5 min each) Marcus Winroth (Exp), KTH - Mek Ted Holmberg (1D/Exp), KTH - ICE Shyang Maw Lim (CFD), KTH - Mek Nicholas Anton (Aero-design), KTH - ICE/SCANIA
11:45 - 12:45	Lunch & Poster Session
13:00 - 14:15	Research Area: Engine After Treatment (EAT) - Mikael Karlsson: intro + overview (10+5 minutes) - Four project presentations (10+5 min each) Zhe Zhang (Simulations), KTH - MWL Ghulam Majal (Simulations), KTH - MWL Arun Prasath (Exp), KTH - ICE Mireia Altimira (Exp & CFD), KTH - Mek



CCGEx at the Royal Institute of Technology (KTH) • www.ccgex.kth.se

14:15 - 14:30 Research Area: Power Train System Integration (SYSINT)
- Anders Christiansen Erlandsson, overview (10+5 minutes)

14:30 - 14:45 Coffee & Environment set-up for the afternoon discussions
- Anders Christiansen Erlandsson

Part 2: Interviews (two parallel sessions)

14:45 - 15:30 IAB Interviews with the PhD students

14:45 - 15:30 Interaction between senior researchers / faculty at CCGEx & Industrial partners

15:30 - 16:00 IAB Interviews with senior researchers and faculty at CCGEx

15:30 - 16:00 Interaction between industry partners

16:00 - 16:15 Coffee break

Part 3: IAB Summary

16:15 - 16:45 IAB meets CCGEx head, senior researchers and faculty at CCGEx, board members + SICEC chairman to summarize their impressions and their recommendations.