



KTH - CCGEx

## KTH - CCGEx Competence Center for Gas Exchange at KTH

### Research day program & assessment by IAB, Nov 12, 2015

Wednesday 11<sup>th</sup> Nov, IAB experts arrival in Stockholm

#### Time

#### Location/Venue

20:00 Dinner with CCGEx head, IAB, senior researchers and faculty at CCGEx  
Clas på Hörnet  
Address: Surbrunnsgatan 20

Thursday 12th Nov

#### **Part1: CCGEx research day**

08:00- 08:15 Registration Sal: F3  
Address: Lindstedtsvägen 26  
08:15-08:30 Opening by CCGEx head – Anders Hultqvist Sal: F3

#### **Turbomachinery-ICE interaction Research Area**

08:30-09:30 Project: Compressor off design Operation Sal: F3  
- Mihai Mihaescu: intro + overview (10+5 min) Sal: F3  
- Three PhD project presentations (10+5 min each)  
-Bertrand Kerres (Exp), KTH - ICE  
-Elias Sundström (CFD), KTH - Mek  
-Raimo Kabral (Exp), KTH - MWL

09:30- 09:45 Coffee break Sal: F3

09:45- 11:00 Project: HOTSIDE Sal: F3  
- Mihai Mihaescu: intro + overview (10+5 minutes)  
- Four project presentations (10+5 min each)  
-Chris Ford (Exp), KTH - Mek  
-Marcus Winroth (Exp), KTH - Mek  
-Ted Holmberg (1D/Exp), KTH - ICE  
-Shyang Maw Lim (CFD), KTH - Mek

### **Exhaust After-Treatment (EAT) Research Area**

11:00- 11:30	Project EAT - Mikael Karlsson: intro + overview (10+5 min) - Project preliminary data presentation (10+5 min)	Sal: F3
11:30- 12:45	Lunch & Poster Session	Plattan Address: Lindstedtsvägen 30

### **Future Research Area: Gas Exchange Systems**

12:45- 13:00	Project description -Anders Hultqvist: overview (10+5 min)	Sal: F3
13:00- 13:15	Environment set-up for the afternoon discussions - Anders Hultqvist: (10+5 min)	Sal: F3

### **Part 2: Interviews**

13:30-14:15	IAB Interviews with the PhD students	Sal: Hjärne Address: Osquars backe 25
13:30-14:15	Interaction between senior researchers and faculty at CCGEx & Industrial partners	Sal: Rinman Address: Osquars backe 31
14:15- 15:00	IAB Interviews with senior researchers and faculty at CCGEx	Sal: Hjärne Address: Osquars backe 25
14:15- 15:00	Interaction between industry partners	Sal: Rinman Address: Osquars backe 31
15:00-15:15	Coffee break	Sal: Rinman

### **Part 3: IAB summary**

15:15- 16:15	IAB meets CCGEx head, senior researchers and faculty at CCGEx, board members + SICEC chairman to summarize their impressions and their recommendations.	Sal: Rinman Address: Osquars backe 31
18:00	Dinner with CCGEx, all invited	Restaurang Cypern Address: Valhallavägen 50