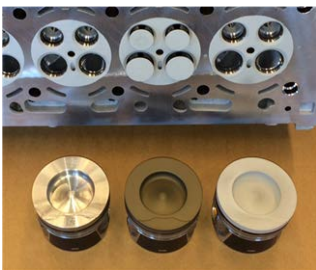
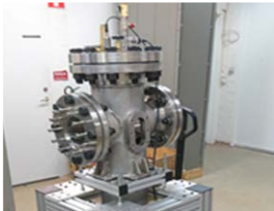
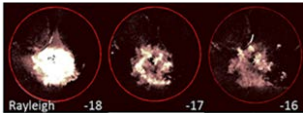


# CHALMERS

## Combustion Engine Research Center Annual Seminar

May 28 - 29, 2019 Chalmers Teknikpark



Reports will be given on ongoing research within CERC and in a few associated projects. Lectures on research at the Universities of Michigan and Darmstadt will be given by Prof. André Boehman and Prof. Christian Hasse.

### Program Tuesday 28

08:30-09:00	Registration and Coffee	
09:00-09:20	Welcome & CERC presentation	Ingemar Denbratt
09:20-10:05	tbd	André Boehman
10:05-10:40	Coffee	
10:40-11:00	The end of the combustion engine - or a new life ?	Lucien Koopmans
11:00-11:20	Future Fuels for Transportation	Josefine Preuss
11:20-11:40	Energy Management of Hybrid Vehicles	Jonathan Lock
11:40-13:00	Lunch	
13:00-13:20	Particle Formation in DI homogeneous sGDI engines	Sreelekha Etikyala
13:20-13:40	Homogeneous lean SI combustion	Kristoffer Clasén
13:40-14:00	Premixed Combustion Modelling	Andrei Lipatnikov
14:00-14:20	Waste Heat Recovery	Jelmer Rijpkema
14:20-14:50	Coffee	
14:50-15:10	EATS mod. towards zero emissions	Jonas Sjöblom
15:10-15:30	Reduction of Heat Transfer and Heat Load	Joop Somhorst
15:30-15:50	Prediction of Heat Transfer	Jon-Anders Bäckar
15:50-16:00	End of day 1	Ingemar Denbratt

### Program Wednesday 29

09:00-09:10	Welcome	Ingemar Denbratt
09:10-09:55	tbd	Christian Hasse
09:55-10:15	Spray Research	David Sedarsky
10:15-10:45	Coffee	
10:45-11:05	Spray/Turbulence interactions	Vignesh Muthuramalingam
11:05-11:25	Marine engine fuel injection	Reto Balz
11:25-11:45	Spray formation dynamics	Mohammad Nikouei
11:45-12:05	RILEM 2	Nidal Doubiani
12:05-12:10	End of CERC Seminar 2019	Ingemar Denbratt
12:10	Lunch	

The Seminar is free of charge but cancellations must be done at least one day before the Seminar.

Please send notification of participation before May 17 to:

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E-mail: [elenor.norberg@chalmers.se](mailto:elenor.norberg@chalmers.se)

*Please notify us if you have any food allergies*

For other questions, contact Ingemar Denbratt, CERC director:  
Chalmers University  
Tel: 031- 772 13 93