

PhD Short Course on

Sustainable Mobility and Control

September 8-11, 2019, Lund University, Lund, Sweden



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未来

MIRAI

This short course aims at introducing technologies for sustainable automotive powertrain systems with special focus on the role played by control system technology. Topics ranging from sustainable fuels, high efficiency engine concepts, to engine and combustion modelling, control and optimization will be presented by world-renowned experts. A technical tour at BorgWarner as well as a lab tour at the Lund University Energy Lab will be organized for the attendees.

Lecturers:

Lars Eriksson, Professor, Linköping University, Sweden

Nhut Lam, Dr. Lund University, Sweden

Tielong Shen, Professor, Sophia University, Japan

Martin Tunér, Professor, Lund University, Sweden

Per Tunestål, Professor, Lund University, Sweden

Yudai Yamasaki, Associate Professor, University of Tokyo, Japan

Participants

PhD students from any Swedish university including MIRAI partners.

PhD students from Japanese MIRAI partners.

Participants should register in advanced by email no later than August 15.

Participants who intend to contribute a poster presentation should send title and abstract in advance.

Organizer

Lund University

Co-Sponsor

MIRAI

- Connecting Swedish and Japanese Universities through Research, Education and Innovation

Steering Committee

Per Tunestål

(Prof., Lund Univ., Sweden)

Lars Eriksson

(Prof., Linköping Univ., Sweden)

Tielong Shen

(Prof., Sophia Univ., Japan)

Contact:

Dr. Nhut Lam (Lund Univ.)

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Program at a glance

Time schedule	08.15-10.00	10.15-12.00	12.00-13.00	13.15-15.00	15.15-17.00	17.00-	Place
8 sept (Sun)		Registration	Registration	Registration	Registration		Lund Univ.
9 sept (Mon)		Lecture I (Prof. Tunér)	Lunch	Lecture II (Prof. Tunestål)	Lecture III-1 (Prof. Eriksson)	- Poster session - Welcome Reception	Lund Univ.
10 sept (Tue)	Lecture III-2 (Prof. Eriksson)	Lecture III-3 (Prof. Eriksson)	Lunch	Lecture IV (Prof. Yamasaki)	- Lecture V (Dr. Lam) - Lab tour		Lund Univ.
11 sept (Wed)	Technical tour	Technical tour	Lunch	Lecture VI (Prof. Shen)		Farewell Reception	BorgWarner / Lund Univ.