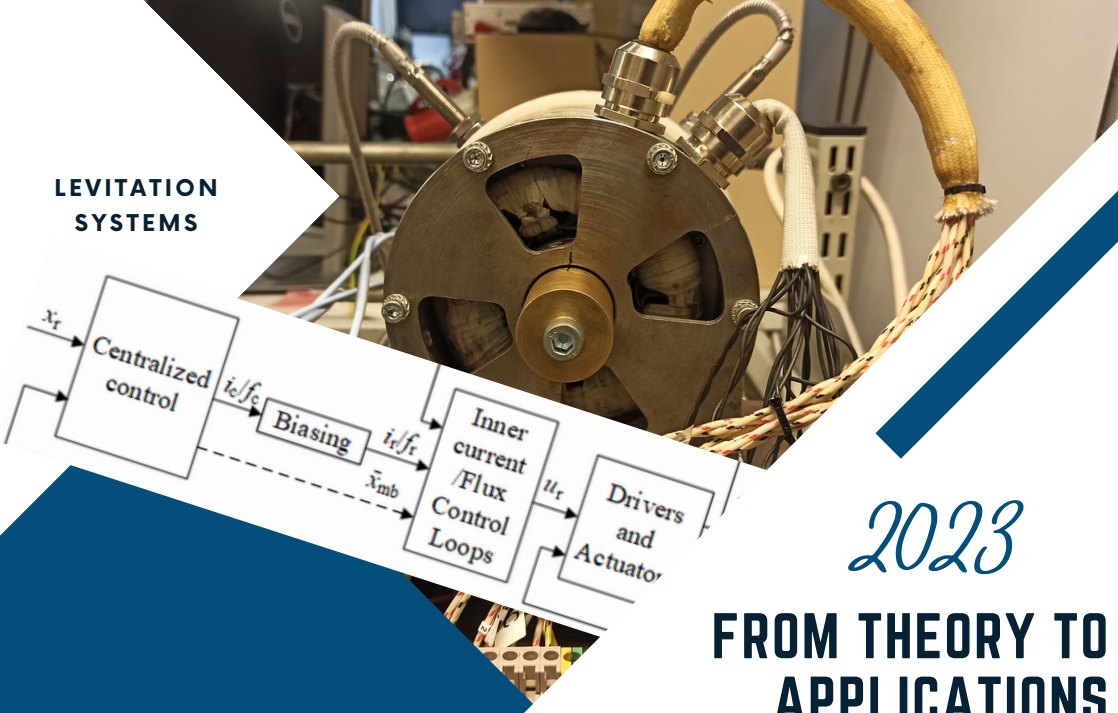
LEVITATION SYSTEMS



2023

FROM THEORY TO APPLICATIONS MAGNETIC LEVITATION SYSTEMS

Part of EU Graduate School

10 to 14 July

SPEAKERS:

RAFAL P. JASTRZEBSKI
Docent, IEEE Senior, Lappeenranta-Lahti University of Technology
Associate Professor (tenured)
University of Turku, FInland
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WOLFGANG GRUBER
Professor, IEEE Senior,
Johannes Kepler
University, Linz, Austria

INVITED SPEAKERS:

AKIRA CHIBA
Professor, IEEE Fellow, Tokyo Institute of Technology, Japan

AND OTHER INDUSTRIAL AND ACADEMIC PARTNERS

ASSISTANTS

Sadjad Madanzadeh
Atte Putkonen
Andrei Zhuravlev

LUT University

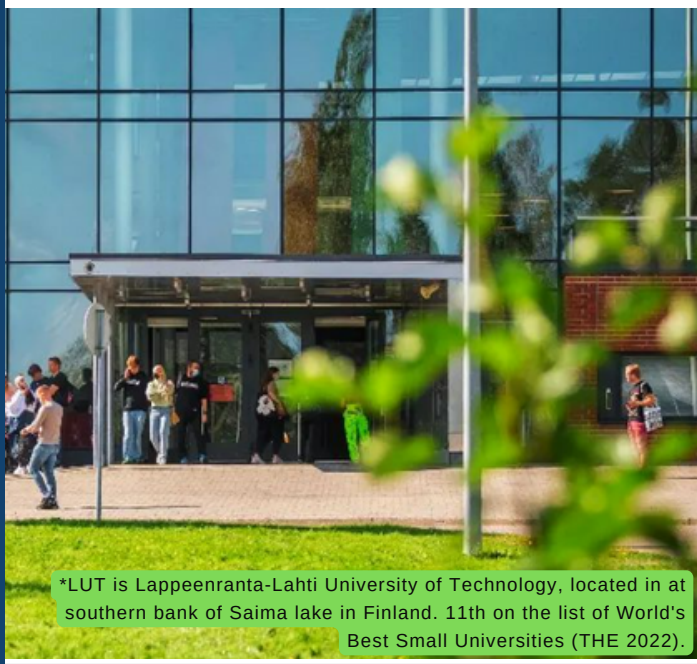
IN PARALLEL TO SUMMER SCHOOL AT LUT*?

WE OFFER

3 ECTs

blended highly interactive project/problem-based practice oriented learning experience

1 week in inspiring environment of modern university and Finnish summer



*LUT is Lappeenranta-Lahti University of Technology, located in at southern bank of Saima lake in Finland. 11th on the list of World's Best Small Universities (THE 2022).

WE ARE INTERESTED IN:

STUDENTS
Basic and advanced active magnetic bearings technology and bearingless motors

PARTNERS
International educational and research projects in system control and magnetic levitation

COMPANIES
Collaborators, outsource challenges or train/retrain employees

HOST/CO-HOST
for summer / graduate schools to come

CONTENTS:

- Suitable for MSc and PhD students
- Magnetic levitation theory
- Active magnetic bearings and bearingless motors
- Rotor dynamics
- Actuators and sensors
- Linear and rotating systems
- Control and machine design
- From basics to advance methods
- Industrial applications