

Engineering mathematics at Mälardalens University





Welcome to Engineering mathematics !

- **Programme coordinators:** Sergei Silvestrov

Karl Lundengård

Johan Richter

- **Study advisor:** Malin Lundin



Master's programme in Engineering mathematics

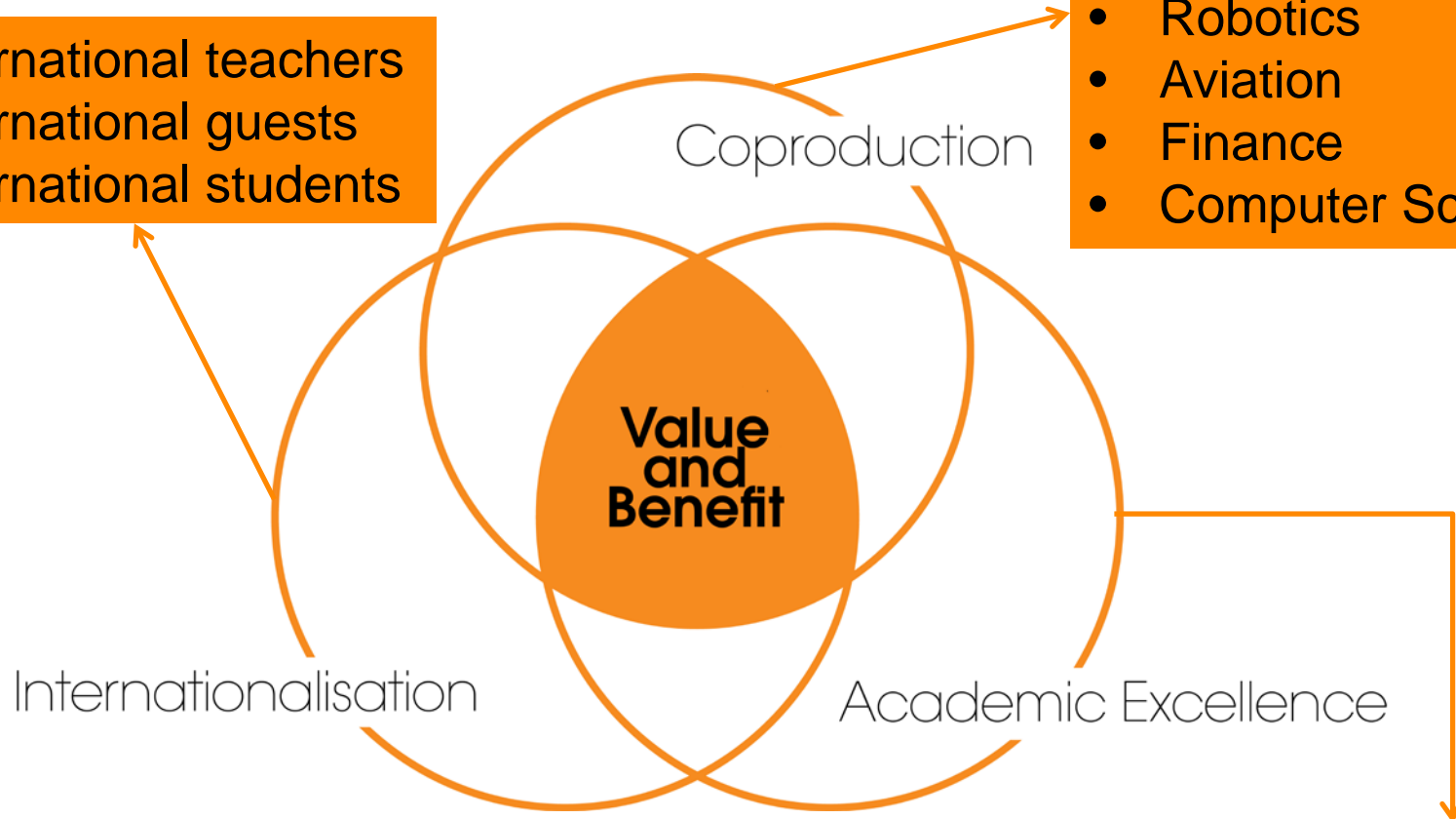
- **Flexibility and cooperation**
- **Established technology and future research**
- **Strong relations to other programmes at the university**
- **International education**
- **All from a mathematical perspective**



Programme produces Value and Benefit

- International teachers
- International guests
- International students

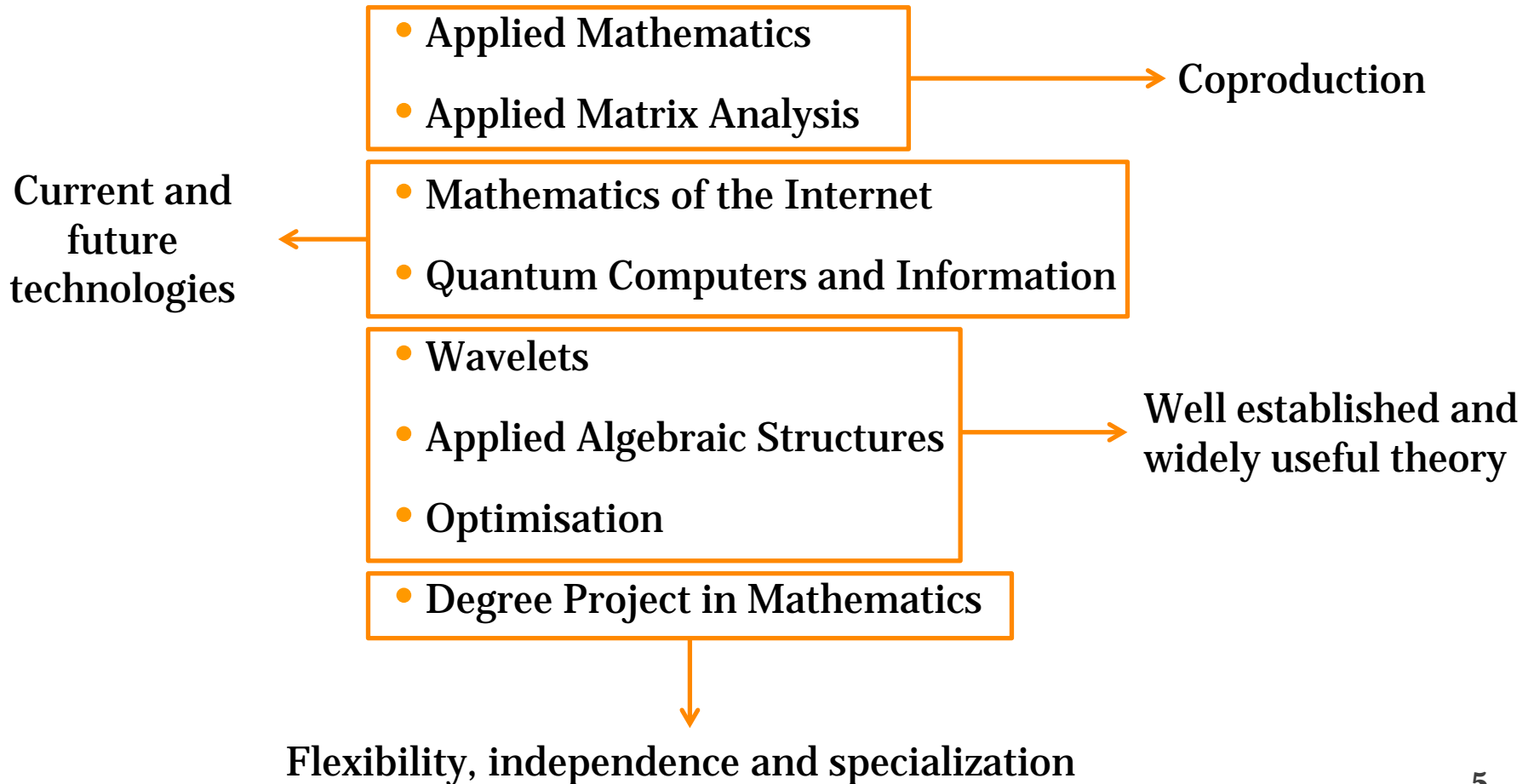
- Course overlap with:
- Energy systems
 - Robotics
 - Aviation
 - Finance
 - Computer Science



- Developed and managed by several active researchers at MDH, including, Sergei Silvestrov, professor of Mathematics/Applied Mathematics.



Mandatory courses in the programme





Master's programme

The Master's programme in Engineering mathematics:

- Two versions: 60 ECTS credits (1 year) or
120 ECTS credits (2 years)
- Many courses available (34 in total)
- Possible optional courses from energy systems, computer science, bioinformatics and finance



Master's programme

- 75% of courses must be on an advanced level
- 50% of courses should be mathematics courses at an advanced level
- On the programme homepage you can find a list of all courses
- For every student an Individual Study Plan (ISP) is written



Division of Applied mathematics

- Part of the School of Education, Culture and Communication (UKK)
- Many teachers and researchers, both with international and Swedish background
- Several doctorate students, both with international and Swedish background
- Many international students
- Currently expanding and considered strategically important by the university



Schools at MDH

- **UKK** Education, Culture and Communication
- **EST** Business, Society and Engineering
- **IDT** Innovation, Design and Engineering
- **HVV** Health, Care and Social Welfare



What you need to know as a new student at MDH

<http://www.mdh.se/student/nystudent>

- Get your student account
- Order your MDH-card
- Pick up MDH-card
- Common introduction for programme students (including IT-introduction)
- Register for courses
- Come to roll-calls
- Register for exams
- Find course plans, course homepages and course literature
- Find your schedule



Student portal

Many services are available online

- Schedule
- Academic achievement
- E-mail **Read regularly! (or forward)**
- Blackboard
- Course- and programme registration
- Register for exams

You can find the student portal here

<https://portal.mdh.se/student>



Student centre and Helpdesk

General questions: Student centre

- Student service
- Register for program
- Study certificate and other forms
- General questions about admissions, degrees etc
- Collect exam papers
- Collect your MDH card

Location: Near the main entrance,
U-building, Västerås

Web: <http://www.mdh.se/student/stod-studier>

Email: studenttorget@mdh.se

Telephone: 021-10 13 10

Open hours: Monday-Thursday 8.00-16.00
Friday 8.00-15.00

IT-specific questions: Helpdesk

- Student account and email
- Blackboard account
- Printing and copying

Web: <http://www.mdh.se/student/it>

Email: helpdesk@mdh.se

Telephone: 016 – 15 51 50

Open hours: Monday-Thursday 8.00-16.00
Friday 8.00-15.00



Schedule

- Schedule for all courses can be found at <http://www.mdh.se/student/schema-terminstid>
- Autumn semester : 2017-08-28 – 2017-11-05
Autumn period 1 (ht1): week 35-44
Autumn period 2 (ht2): week 45-02
- Spring semester: 2018-01-15 – 2018-06-03
Spring period 1 (vt1): week 3-12
Spring period 2 (vt2): week 13-22



Registration

- To participate in a course you must be registered on the course
- Register through the student portal
- Attendance at the course roll call is mandatory, if you cannot attend contact the course teacher as soon as possible
- Registration for exams must be done at least 10 workdays (calendar days) before the exam
- Results of exams should be available within 15 days of the exam



Registration

- If you do not satisfy the prerequisites for a course you can be admitted with exception. In order to participate in the course you must satisfy the requirements at the start of the course.
- It is possible to apply for an exemption which must be completed and approved at the start of the course.
- Contact your study advisor if you have questions or problems.



Rules for examinations

- You have to register for exam not later than 10 calendar days prior to the exam
- You will get the result the latest 15 working days after the exam
- More info:
<http://www.mdh.se/student/stod-studier/regler-rattigheter/regler-for-skriftlig-salstentamina-1.3326>
- Cheating & Plagiarism
<http://www.mdh.se/student/stod-studier/regler-rattigheter/regler-kring-fusk>



Approved leave from studies and interruption of studies

- You have to apply to get an approved leave from studies. Will be granted if you can continue and get a degree when you come back.
- Interruption of program
- The forms are at mdh.se
- Please contact the study advisor if you have questions



Studying with disabilities

Our aim is to offer you such supporting measures that you can conduct your studies on the same terms as a non-disabled student.

Forms of support:

- Help with taking notes
- Help with text reading
- Mentor
- Access to our resource rooms with computers
- Supervision
- Technical aids
- Recommendation of alternative examinations where possible according to the course syllabus
- Extension of examination time, etc.

Contact:

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More info:

<http://mdh.se/student/stod-studier/funktionsnedsattning>



More info:

www.mdh.se/program/master-teknisk-matematik

or contact:

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