



Aalto University Junior (part of LUMA centre Finland)

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Aalto University Junior

The main mission is to inspire and motivate children and youth to study mathematics, natural sciences, technology, arts, design and business through the latest tools and methods of education.



A! Aalto University

JUNIOR
JUNIOR



**LUMA CENTRE
FINLAND**

AALTO UNIVERSITY JUNIOR

Vice President Eero Eloranta

Aalto University Junior

Steering group

*School of
Engineering*

*School of
Business*

*School of Arts,
Design and
Architecture*

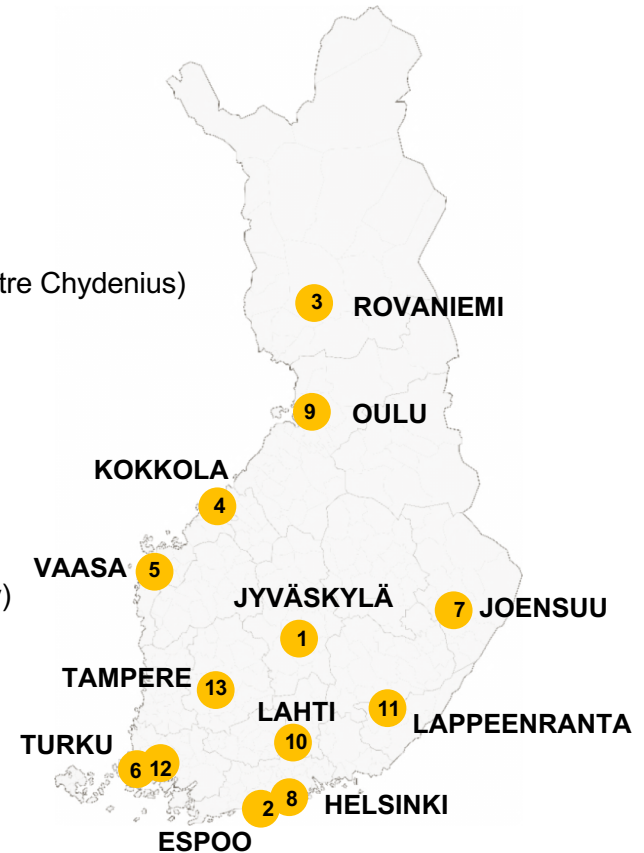
*School of
Science*

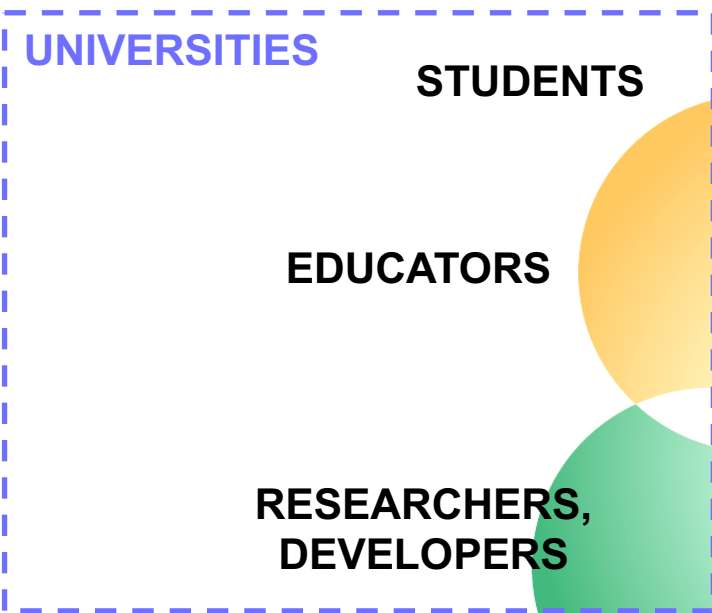
*School of
Electrical
Engineering*

*School of
Chemical
Engineering*

Members of the LUMA network

1. Central Finland LUMA Centre (University of Jyväskylä)
2. Aalto University Junior (Aalto University)
3. LUMA Centre Lapland (University of Lapland)
4. LUMA Centre of Central Ostrobothnia (Kokkola University Centre Chydenius)
5. LUMA Centre of Ostrobothnia (University of Vaasa)
6. LUMA Centre of Southwestern Finland (University of Turku)
7. LUMA Centre of the University of Eastern Finland
8. LUMA Centre of the University of Helsinki – **coordination**
9. LUMA Centre of the University of Oulu
10. LUMA Centre Päijät-Häme (Lahti University Campus)
11. LUMA Centre Saimaa (Lappeenranta University of Technology)
12. LUMA Centre Åbo Akademi (Åbo Akademi University)
13. Tampere LUMATE Centre (University of Tampere & Tampere University of Technology)





**STUDENTS,
TEACHERS,
SCHOOLS**

MUNICIPALITIES

STUDENTS

**MINISTRY OF CULTURE
AND EDUCATION**

EDUCATORS

**NATIONAL BOARD
OF EDUCATION**

**RESEARCHERS,
DEVELOPERS**

LUMA

**BUSINESS
SECTOR**

MEDIA

MUSEUMS

**EDUCATIONAL
ASSOCIATIONS,
TEACHERS' UNIONS**

**SCIENCE
CENTERS**

Aalto University Junior

CAMPS

SCIENTISTS IN SCHOOLS

COMPETITIONS

COACHING

CLUBS

COURSES

VENUES

MOOC

TEACHER TRAINING

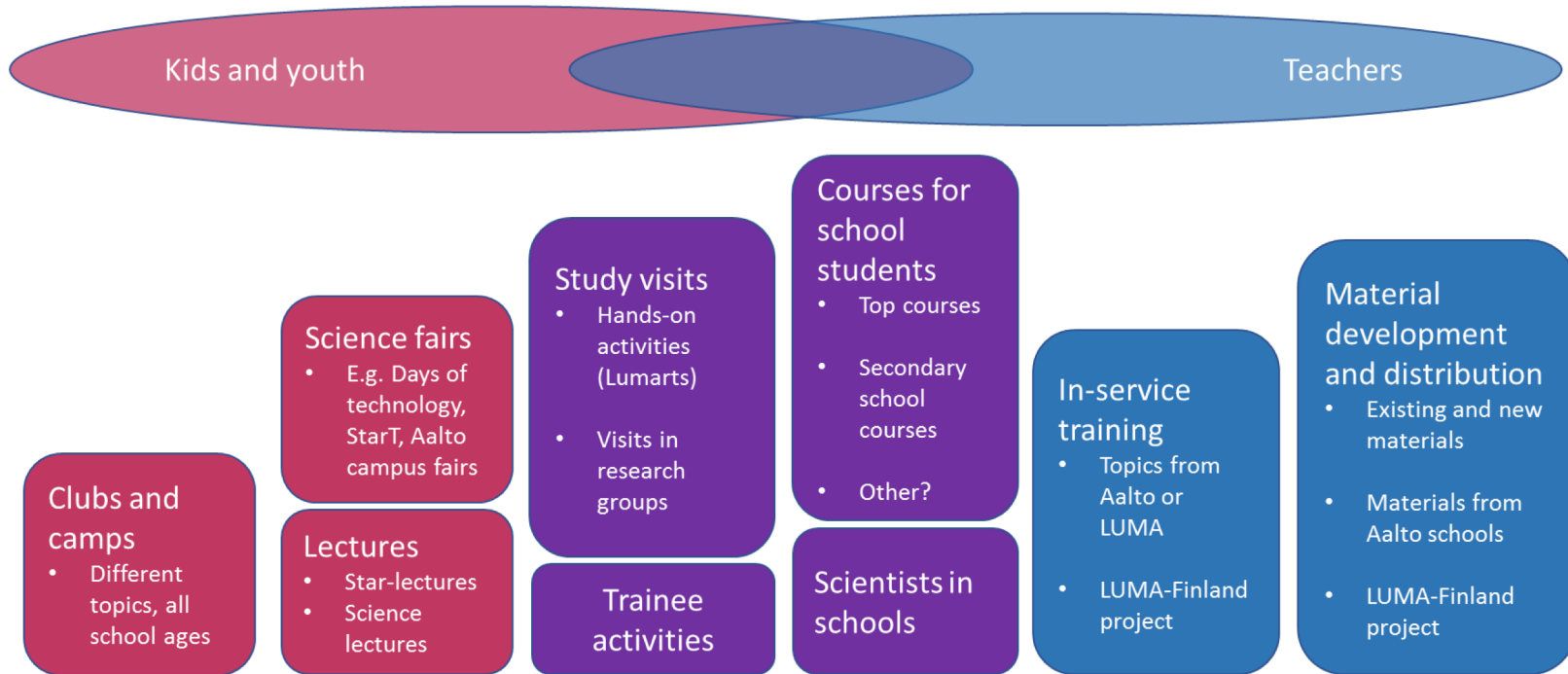
STUDY VISITS

SCHOOL AS SERVICE

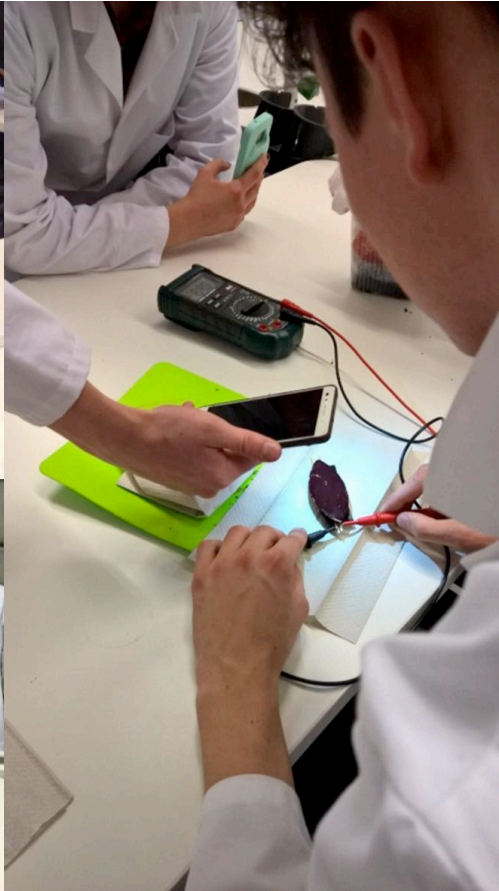
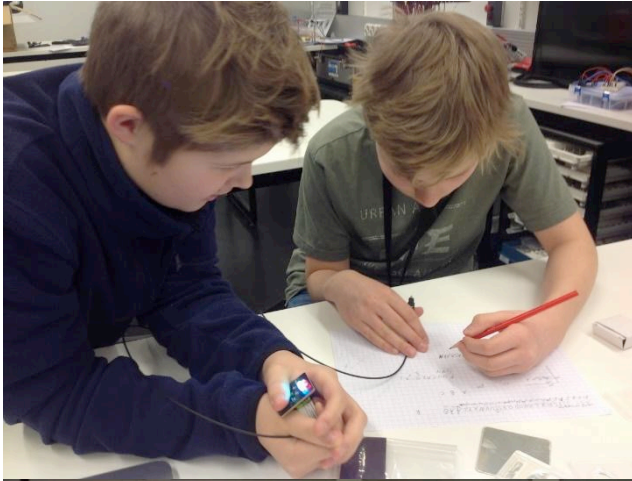
LECTURES

*Science and
arts meet
technology
and business*

The Forms of Activities (2017-2018)

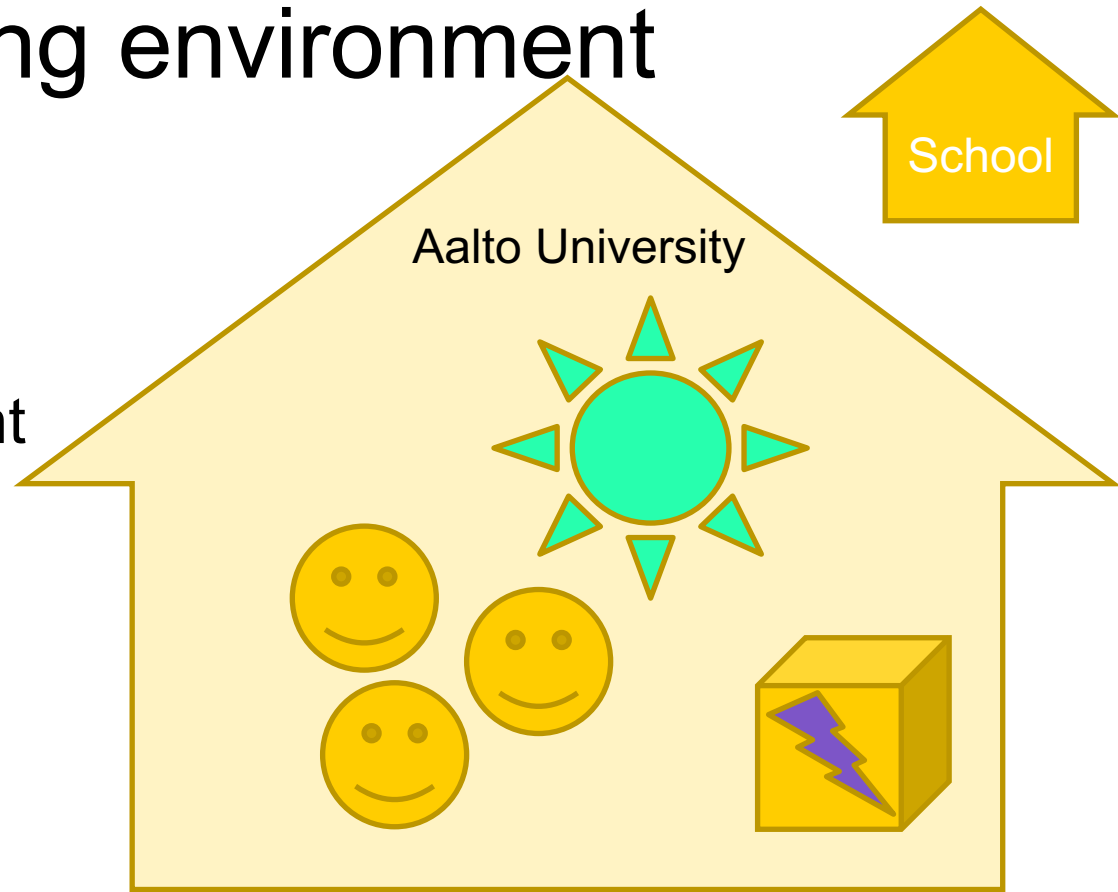


Junior-laboratory



Learning environment

1. Participation
2. Relevance
3. Material environment
4. Inquiry
5. ICT-usage
6. Teacher support
7. Differentiation



Vision

Lumarts laboratory is an internationally unique learning environment where the young, companies and university work together and make exciting experiences around science, art, technology and business.



THANK YOU!

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