LUMA CENTRE FINLAND:
NATIONAL LUMA DAYS
NATIONAL SCIENTIX DAYS
THE 5TH ISSE SYMPOSIUM

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LUMA = STEM
LU stands for natural sciences (‘LUonnontieteet’ in Finnish), and MA for mathematics
WELCOME!
TERVETULOA!
VÄLKOMMEN!

"EVERY TEACHER EFFECTS ON SOCIETY ABOUT 100 YEARS: FIRST THROUGH HER/HIS TEACHING AND THEN THROUGH THEIR STUDENTS’ LIFE."
The LUMA Centre Finland

- Central Finland LUMA Centre (University of Jyväskylä)
- LUMA Centre Aalto (Aalto University)
- LUMA Centre of Central Ostrobothnia (Kokkola University Consortium Chydenius)
- LUMA Centre of Southwestern Finland (University of Turku)
- **LUMA Centre of the University of Eastern Finland (University of Eastern Finland)**
- LUMA Centre of the University of Helsinki (University of Helsinki)
- LUMA Centre Päijät-Häme (Lahti University Campus)
- LUMA Centre Saimaa (Lappeenranta University of Technology)
- OuLUMA Centre (University of Oulu)
- Tampere LUMATE Centre (University of Tampere & Tampere University of Technology)
- LUMA Centre Lappland
- Åbo Akademi
COLLABORATION with LUMA partners

MOTTO:
TOGETHER WE ARE MORE

- TEACHERS
- STUDENTS
- MEDIA
- TEACHER EDUCATORS
- RESEARCHERS
- ASSOCIATIONS (BMOL ry, MAOL ry, Luokanopettajaliitto, Kuntaliitto, OAJ)
- SCHOOLS, TEACHERS, PUPILS, STUDENTS, PARENTS
- MINISTRY OF EDUCATION
- NATIONAL BOARD OF EDUCATION
- BUSINESS SECTOR
- MUSEUMS
- SCIENCE CENTRES
- INTERNATIONAL PARTNERS

1.6.2015
THE AIM OF LUMA CENTRE:
To engage children and young people from age 3 to 19 in science, technology, engineering, and mathematics (STEM) and teachers at all levels in life-long professional development.
LUMA (STEM): connecting various fields of science
COLLABORATION WITH all educational levels

LUMA

KINDERGARTEN

PRIMARY SCHOOL

UNIVERSITIES

SECONDARY SCHOOL

POLYTECHNICS

VOCATIONAL EDUCATION
AN EXAMPLE OF THE LUMA ACTIVITIES: 
LUMA FINLAND PROGRAMME 
FOR YEARS 2014-19 
(5 million euros from the Ministry of Education and Culture) 

- A national programme focusing on developing STEM education for 6 to 16 year-olds. 
- Aims to improve student’s knowledge and skills and to strengthen the joy of discovery and learning in STEM subjects. 
- Will find oven and innovative tools and approaches to teaching practices, methods and learning environments. 
- Will be based on current research and it aims to provide practical action guidelines that can be employed in schools nationwide.
MATHEMATICS
(e.g. creative problem solving; inquiry)

SCIENCE AND ENVIRONMENT
(e.g. contextual learning, good questions)

TECHNOLOGY EDUCATION
(e.g. programming, robotics)

See details: http://www.luma.fi
The International Millennium Youth camp brings the world’s brightest young minds to Helsinki
Published 05.06.2014

The fifth International Millennium Youth Camp opened yesterday at the Kumpula Science Campus. The camp brings teenagers from all over the world to Helsinki for a week of science, research, technology and international collaboration.

Read more
director, professor Maija Aksela, LUMA Centre Finland (chair for the committee)
assoc. professor Pekka Hirvonen, University of Eastern Finland (physics)
researcher Mikko-Jussi Laakso, University of Turku (ICT)
senior lecturer Päivi Portaankorva-Koivisto, University of Helsinki (mathematics)
senior lecturer Rami Ratvio, University of Helsinki (geography)
professor Anna Uitto, University of Helsinki (biology)
coordinator Lauri Vihma, LUMA Centre Finland (secretary for the committee)
university teacher Jouni Välisaari, University of Jyväskylä (chemistry)

THANK YOU VERY MUCH! TOGETHER WE ARE MORE!
ORGANIZING COMMITTEE OF THE DAYS

coordinator Ville Nivalainen, LUMA Centre of the University of Eastern Finland (chair of the committee)

Mikko Kesonen, LUMA Centre of the University of Eastern Finland

coordinator Anniina Koliseva, Central Finland LUMA Centre

coordinator Kati Kyllönen, LUMA Centre of the University of Oulu

coordinator Markku Leino, LUMA Centre of Southwestern Finland

coordinator Kirsi Lindqvist, LUMA Centre Päijät-Häme

coordinator Ville Manninen, LUMA Centre Saimaa

coordinator Susanna Petäjistö, Tampereen LUMATE-keskus

communications coordinator Maija Pollari, LUMA Centre Finland (communication and marketing)

coordinator Pirjo Putila, LUMA Centre Aalto

coordinator Pieti Tolvanen, LUMA Centre Lapland

coordinator Lauri Vihma, LUMA Centre of the University of Helsinki

coordinator Tiina Ylä-Kero, LUMA Centre of Central Ostrobothnia

THANK YOU VERY MUCH! TOGETHER WE ARE MORE!
Thank You for your attention!
Have wonderful days!

TEACHERS
STUDENTS

http://www.luma.fi
luma-keskus@helsinki.fii