Increasing The Appeal Of Mathematics And Sciences In Children - What Can Universities Do?
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Time: 2:00pm to 3:00pm
Venue: Hilbert Space (PAP-02-02)
Host: Dr Ho Shen Yong

Abstract
Inspiring and motivating children and youth into mathematics, science and technology through the latest methods and activities of science and technology education has become increasingly important in Finland and worldwide. It is also important to support the life-long learning of teachers working on levels of education from early childhood to universities, and strengthen the development of research-based teaching. These aims have been put into practice in LUMA centres, which are part of almost all Universities in Finland (LU=luonnontieteet, sciences in Finnish, MA mathematics). LUMA Centre Finland was established in 2013 as the umbrella organization for local LUMA Centres to strengthen and promote their collaboration on national and international level. This presentation will discuss the organization of this work in Finland and the practical functions the individual LUMA centres and LUMA centre Finland have.

Short Biography
Dr Riikka Lahtinen has been working at Tampere University of Technology as a Lecturer from 2003 and University Lecturer from 2010 in the Department of Chemistry and Bioengineering. She obtained her doctoral degree from Helsinki University of Technology majoring Electrochemistry in 2000. Lately, she has been involved in developing teaching methods, e-learning and university teaching strategy. In the beginning of 2018, she started as Director of LUMATE-centre Tampere.