

SINGAPORE - FINLAND RESEARCH SEMINAR ON Smart Innovations for Health and Education, 18.10.2016

The seminar invites experts on Health Technologies and ICT in Education and related areas from industry (including business developers, innovators and investors) and academia (including young scientists and experienced researchers), as well as Government representatives and other stakeholders from Singapore and Finland to present and discuss about key health technologies and ICT in Education research aspects. The seminar aims to provide a platform for developing concrete joint innovation and research cooperation initiatives.

12:00-13:00	Registration for the Seminar		
13:00-13:20	Welcome - Introduction to the Seminar and Organizers <i>FinCEAL Plus and the Embassy of Finland in Singapore</i> <i>Dr. Jarkko Mutanen, FinCEAL Plus Asia</i> Opening of the Seminar <i>Riku Mäkelä, Embassy of Finland in Singapore</i> <i>Prof. Patrick Tan, Biomedical Research Council, A*STAR, Singapore</i>		
13:20-13:40	Keynote: Singapore-Finland collaboration in global context <i>Esko Aho, The Former Prime Minister of Finland</i>		
Parallel Sessions	HEALTH TECHNOLOGIES: Moderator: Dr. Matti Hämäläinen, DIMECC	ICT IN EDUCATION: Moderator: Dr. Jarkko Mutanen, FinCEAL Plus	
13:50-14:10	Cardiorespiratory signal analysis applications <i>Prof. Tapio Seppänen, University of Oulu, Finland</i>	13:50-14:20	Learning through collaborative video storytelling:Inspiring creativity, co-creation and global collaboration <i>Prof. Jari Multisilta, Director, University Consortium of Pori, Finland</i>
14:10-14:30	Working together: Brains and machines <i>Prof. Nitish V. Thakor, National University of Singapore, Singapore</i>	14:20-14:50	Moving from teacher- to student-centricity through technology-mediated learning: A systematic perspective <i>Prof. David Hung, National Institute of Education, Singapore</i>
14:30-14:50	Gamified solutions in healthcare – Exergaming experiences in Finland and Asia <i>Dr. Mika Luimula, Turku University of Applied Sciences, Finland</i>		
14:50-15:20	Coffee break		
15:20-15:40	Combining health and education: professional training and self-care learning to address the urgent needs in underserved and high-demand areas <i>Dr. Matti Hämäläinen, DIMECC, International cooperation, Finland; Mr. Allan Schneitz, COO, LifeLearn, Finland</i>	15:20-15:50	Towards students’ engagement and wellbeing in boundless learning environments at the digital era <i>Prof. Hannele Niemi, University of Helsinki, Finland</i>
15:40-16:00	Digitalized interventions to prevent the mental health problems of children <i>Dr. Marjo Kurki, University of Turku, Finland</i>		
16:00-16:20	Intelligent surgical robotics with minimal invasiveness <i>Asst. Prof. Hongliang Ren, National University of Singapore, Singapore</i>	15:50-16:20	Gamification: Overcoming its challenges in a gamified classroom <i>Assoc. Prof. Roberto Dillon, School of Business and IT, James Cook University – Singapore campus, Singapore</i>
16:20-16:50	Questions/Open Discussion/Closure		Questions/Open Discussion/Closure

16:50-17:00	Coffee break
17:00-18:00	<p>Panel Session–Cocreation of scalable solutions for smart health and learning <i>Moderator: Riku Mäkelä, Embassy of Finland in Singapore</i></p> <p>Experts from academia, industry and government discuss about concrete areas and cross-cutting themes for collaboration between Singapore and Finland in the scope of digital solutions for health and education.</p> <p>Panelists:</p> <ul style="list-style-type: none"> • Dr. Pauline Tay, Deputy Director, I&E / Strategy, NRF, Singapore • Dr. Roberto Dillon, Associate Professor, James Cook University Singapore • Dr. Matti Hämäläinen, Manager, International Cooperation, DIMECC, Finland • Peter Barkman, CEO, Palmu, Finland
18:00-20:00	<p>“Singapore-Finland Evening Reception” Joint networking cocktails</p>