Outcome ELLIIT Call C Step 1

ELLIIT Call for PhD projects, launched October 19, 2020 ("Call C")

2020-12-08

Background

The ELLIIT Steering Committee (Board) decided in its meeting on September 30, 2020, to allocate up to 20 MSEK per year during five years for new Ph.D. student projects to commence early 2021. The ELLIIT Program Management Group (PMG) has been entrusted with the task of selecting new projects to recommend for funding, this will be done in a two-step procedure with the support of external, independent experts.

Statistics step 1

Step 1 was launched October 19 and closed November 12. A total of 90 applicants (BTH 5, HH 12, LiU 36, LU 37) submitted 44 project proposals.

Invitations to Step 2 were sent on November 25, to 43 applicants (BTH 3, HH 3, LiU 19, LU 18) who submitted a total of 21 proposals (see full list below).

Future steps

Step 2 of the call will close on December 17, and review of the proposals will be done in January-February 2021 by the external experts and the ELLIIT management. Final financing decision can be expected in the beginning of Mars.

Projects invited to submit a full proposal (Step 2)

PI			co-PI		Titel
Aksoy	Eren Erdal	HH	Tom Ziemke	LiU	MANHATTAN: Mutual action understanding in human interaction with autonomous systems
Altafini	Claudio	LiU	Emma Tegling	LU	Dynamics of complex socio-technological network systems
Bartoszek	Krzysztof	LiU	Niklas Wahlberg	LU	Developing core–technologies for tree based models
Doggett	Michael	LU	Patric Ljung	LiU	Real-Time Realistic Pixel Synthesis using Deep Learning for Augmented and Virtual Reality
Dougherty	Mark	HH	Magnus Karlsson	LiU	Information leaks via electromagnetic side channels
Enqvist	Martin	LiU	Maria Sandsten	LU	Brain-Based Monitoring of Sound

Grahn	Håkan	BTH	Jörn Janneck and Christoph Kessler	LU, LiU	GPAI — General Purpose AI Computing
Gurtov	Andrei	LiU	Christian Gehrmann	LU	Securing Ultra-Resilient Industry 4.0 Networks With Digital Twins
Gustafsson	Mats	LU	Magnus Berggren	LiU	In situ real-time characterization of large 5G and beyond antenna systems
Gustafsson	Oscar	LiU	Joachim Rodrigues	LU	Approximative Computing for Wideband Communication
Heiberg	Einar	LU	Josef Bigun	HH	Simultaneous segmentation and motion estimation in biomedical images
Heintz	Fredrik	LiU	Luigi Nardi	LU	Fair and Privacy-Preserving Tailored Data Set Generation Through Bayesian Optimization
Höst	Martin	LU	Mikael Asplund	LiU	Open data in e-democracy cloud systems
Jakobsson	Andreas	LU	Johan Sanmartin Berglund	BTH	The DiaVoc project: Diagnosing vocal characteristics to track patients' health
Krueger	Volker	LU	Per-Erik Forssén	LiU	Perception and Learning for Safe Autonomous Robots
Lau	Buon Kiong	LU	Jacob Wikner	LiU	Intelligent Surface Enabled Medical Implants
Pappas	Nikolaos	LiU	Emma Fitzgerald	LU	Information handling in Industrial IoT
Rezine	Ahmed	LiU	Amir Aminifar	LU	Integrated Adversarial-Formal Verification of Machine Learning for Mobile Medical Devices
Runeson	Per	LU	Christian Kowalkowski	LiU	B2B Data Sharing for Industry 4.0 Machine Learning
Soltesz	Kristian	LU	Gustaf Hendeby	LiU	Modelling and control of complex medical systems with limited data
Unger	Jonas	LiU	Veronica Sundstedt	BTH	Perceptual sparse data models for visual signals