Welcome

Ahlá Wsahla

לפקולטה להנדסה והשמה

ל"ש אנדרו ואנה וברבי
Have a good week
لكבלים מטסיים ויוספים לשבט תש''פ
רפי שלמה, יואל צים, טסעינה בכר, דוד בר אייל, ליאור גולדפרג - מצטיינים פקולים
קובי כותב - מצטיין טכני
י''מ 3, 28.10.2020
On the Modularity and Optimization Dynamics of Hypernetworks

Tomer Galanti

TEL AVIV UNIVERSITY

Ph.D. student under the supervision of Prof. Lior Wolf

Sunday, 1/11/2020
11:30
Zoom Webinar

Hypernetworks are architectures that produce the weights of a task-specific implicit network. A notable application of hypernetworks in the recent literature involves implicit neural representations. In these scenarios, the hypernetwork learns a representation corresponding to the weights of a shallow MLP, which typically encodes visual information.

Zoom link: https://technion.zoom.us/j/94420766487
1843
Ada Augusta, Countess of Lovelace, publishes a description of Babbage’s analytical engine that incorporates many of the concepts of modern computer programming.

http://www.cassiopeia.it/resources/museum/
Congratulations

to

Dr. Daniel Soudry

for this outstanding recognition of his research accomplishments

Dr. Daniel Soudry was selected to receive

Intel’s 2020 Rising Star Faculty Award

Intel's Rising Star Faculty Award program selected 10 university faculty members who show great promise in developing future computing technologies.

October 2020
CE Club Virtual Talk:
Neuromorphic Data Converters using Memristors

Loai Danial
PhD. student under the supervision of Prof. Shahar Kvatsinsky

Wednesday 4/11/2020
11:30
Zoom link

Data converters are ubiquitous in mixed-signal systems, becoming the computational bottleneck in traditional data acquisition and emerging brain-inspired neuromorphic systems which aim to accelerate artificial intelligence algorithms. Unfortunately, conventional Nyquist data converters trade off speed, power, and accuracy. ....

https://technion.zoom.us/j/99285000756
Congratulations for completing the PhD!

Dr. Baruch Epstein
Advisor: Prof. Ron Meir

PhD Thesis Title:
Learning and Prior Knowledge About Structure: Theory and Applications
History of Electronics

First Radio
18 Jan 1895

Guglielmo Marconi, an Italian inventor, he sent and received his first radio signal in Italy in 1895

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“Flexible Interference Robust CMOS Radio Receivers”

Zoom link: to be provided after registration

Abstract

The radio spectrum is becoming more and more crowded, and radio receivers are typically interference limited. As there is a demand for multi-mode flexible radio devices, traditional dedicated narrowband filtering no longer satisfies. During the last decade, several new radio receiver architectures and circuits have been proposed which offer more flexibility than traditional receivers with dedicated fixed filtering, while still achieving good sensitivity and robustness for interference. Different names have been used to refer to these receivers, e.g. reconfigurable receiver, multi-band receiver, wideband receiver, SAW-less receiver, software defined radio receiver or cognitive radio receiver. These receivers have in common that they all aim for a high dynamic range while relying less on fixed filters. This talk reviews several proposed concepts, e.g. linearization techniques, noise and distortion cancelling, Low Noise Transconductance Amplifiers followed by current-mode mixing, mixer-first receivers, frequency-translated N-path filtering, harmonic rejection and spatial interference rejection.

Thursday, November 5, 2020 at 11:00 (I D T)

Please register here: http://acrc.net.technion.ac.il/registration-eric-klumperink/

Prof. Eric Klumperink
University of Twente, the Netherlands
Congratulations for completing the PhD!

Dr. Or Yair

Advisor:
Prof. Ronen Talmon

PhD Thesis Title:
Geometric Analysis of Signals and Systems
Graduate Seminar

Machine Learning Web Seminar

Regret minimization in stochastic shortest path

Aviv Rosenberg

Ph.D student
under the supervision
of Prof’ Yishay Mansour

Sunday, 08/11/2020
11:30

Zoom Room

Stochastic shortest path is a well-known problem in planning and control, in which an agent has to reach a goal state in minimum total expected cost. It is one of the most basic models reinforcement learning and includes the discounted return model and the finite-horizon model as special cases. In the learning formulation of the problem, the agent is unaware of the environment dynamics (i.e., the transition function) .......

Zoom link: https://technion.zoom.us/j/96625039611
Dr. Nir Weinberger, New Faculty Member

Research Areas:
Information theory and statistical communication, high-dimensional statistics

Research Interest:
Learning theory in communication and information theory, analysis of iterative algorithms in statistics, nonparametric regression, large deviations bounds in information theory and analysis of Boolean functions.

Returning from a post-doc at MIT
כשאומרים "יש هنا ב- Google" זה לא תמיד נכון...
מוצאים גלולות עולם חדים ב-
הדריך לאישה בسفرיה:
library@ef.technion.ac.il