Welcome
أهلاً وسهلاً
לפקולטה לניהולйти השקמה
ל"ש אנדרו ואנה מיטראיב
ברוכים הבאים
ברוכים הבאים
The Andrew & Erna Viterbi Faculty of Electrical Engineering
Electronics
Computers
Communications
Have a good week

Priyatnoy nedeli

Aسبوع טוב

02/05/21 ק"ש

פרסת הסוכות: הסלע החקוקין

כ, كالן ת sö"ד

Technion
ל"ג בעומר י"ע בסייר תשפ"א

יום ח物流公司 ושולחא לספיגת העומר שעומר סופרים לפיו לשבועת

ל"ג בעומר

הناق לאל מדורות

מהימנ連結ות ביום זה שמקות נשואים אהליך מדורות בזילות,

יש הנימוחים בגו לירוט בחקוקה.

30.4.2021
Congratulations

Distinguished Professor Emeritus
Jacob Ziv

has been awarded
The 2021 IEEE Medal of Honor

The IEEE Medal of Honor, awarded annually since 1917, is the highest IEEE award.

"For fundamental contributions to information theory and data compression technology, and for distinguished research leadership."
Graduate Seminar

Robust Quantization and Semi-Uniform Quantization: Hardware-Aware Methods for Deep Neural Network Acceleration

Moran Shkolnik

M.Sc seminar under supervision of Prof. Uri Weiser

Sunday, 02/05/2021 14:30
in ZOOM Meeting

Accelerating a quantized network is not trivial since it requires hardware support for the quantization algorithm. Today, most dedicated hardware accelerators support only uniform quantizers, forcing us to quantize models using uniform quantization methods. Although DNN quantization continues to be heavily researched, two fundamental problems with today's uniform quantization methods are still to be resolved. ....

Zoom link: https://technion.zoom.us/j/91861552978
Guglielmo Marconi pioneered the development of the wireless telegraph.

Copyright © Timetoast, All rights reserved.
Graduate Seminar

Electro-Optics and Microelectronics Seminar

Mode selection in multi-mode oscillators by initializing the cavity signal

M.Sc. seminar under the supervision of Prof. Moshe Horowitz.

Tzvi Avelin

Monday, 03/05/2021
14:30

Join Zoom Meeting

Multimode continuous wave (CW) oscillators such as long cavity lasers or optoelectronic oscillators (OEOs) can generate signals with ultra-low phase noise. In these devices, the long cavity length highly increases the effective Q-factor of the cavity. However, when the cavity length is increased the mode spacing decreases such that the cavity filter is insufficient to select a specific cavity mode......

Zoom link: https://technion.zoom.us/j/99476370567
Congratulations

to

Professor Gadi Eisenstein

winner of

Wolfgang Mehr Fellowship 2021

at IHP Germany

Ceremony 28/4/2021
Regularization is considered a key concept in the explanation and analysis of successful learning algorithms. In contrast, modern machine learning practice often suggests invoking highly expressive models that interpolate the data with far more lack measures of complexity that are both quantitative and capture the essence of data free parameters than examples. ......
ליפורפ' גיא ברטל ומיעבדתו

ע"ל עבודת מחקר, פרסמה בעיתון

nature photonics

ע"ל עבודת מחקר, פרסמה בעיתון

nature photonics

ת墡לויה ורשויות שפותחה בسطين שמקנות מחשבрат מדידה דומה לאמת של

"אל" רפאיה - מכל אור הכלאום על מישתניים.

חוקר, Texture בראשית וברדית פרופ' גיא ברטל

חוקר, Texture בראשית וברדית פרופ' גיא ברטל

מחקרים Texture בראשית וברדית פרסמו בע"ש אדריכי אירופה וירבר

Nature Photonics

פרסמו את התגלית在这ו בעיתון היוקרתי

Real-time sub-wavelength imaging of surface waves with nonlinear near-field optical microscopy

Kobi Frischwasser, Kobi Cohen, Jakob Kher-Alden, Shimon Dolev, Shai Tsenses & Guy Bartal

Nature Photonics Published: 05 April 2021
Asynchronous circuits have many potential advantages over their synchronous counterparts in terms of robustness to parameter variations, wide supply voltage ranges, and potentially low power by not needing a clock, yet their promise has not been translated yet into commercial success due to several issues related to design methodologies and the need for handshake signals. Stochastic computing is another processing paradigm that has shown promises of low power and extremely compact circuits but has yet to become a commercial success mainly because of the need for a fast clock to generate the random streams.

In this talk we will go over three complementary circuit techniques: Asynchronous Stochastic Computing (ASC), Asynchronous Stream Processing (ASP) and Asynchronous Impulse Radio (AIR). These techniques combine the best features of asynchronous circuits with the best features of stochastic computing to enable extremely compact and low power IoT sensing nodes. Together they can fulfill the promise of smart dust, a concept that was ahead of its time and yet to achieve commercial success.

**Tuesday, May 4, 2021 at 16:00 (IDT)**

http://acrc.net.technion.ac.il/registration-mircea-stan/

**ACRC** – Advanced Circuit Research Center
1623

Wilhelm Schickard, in a letter to Johannes Kepler, gives the first known description of an automatic adding machine.

http://www.cassiopeia.it/resources/museum/
In Modern data centers, resources are usually virtualized. Applications running on those data centers are distributed over many virtual machines. For those applications, the data centers provide software defined infrastructure services for networking, storage, and security. ......
בשאומרים "ישベース ב-Google... זה לא תימי בנון...
מוצמד לגלות עולמות חדים
בדרדבה أناشت לספריה:
library@ef.technion.ac.il