AI for Sustainability and Education
Google-TAD Research Collaboration 2024

Gathering .......................................................... 9:30
Opening Remarks .................................................. 10:00
Niv Efron, Senior Director of Engineering, Google Research
Prof. Meir Feder, School of Electrical Engineering, Head of TAD
Overview of Collaborative Programs 2023-2024 .................. 10:15
Meduyakot mentorship program
Prof. Tova Milo, Dean, Faculty of Exact Sciences, TAU
AI for sustainability & education
Dr. Shiri Stempler, Executive Director, TAD

Education Talks .......................................................... 10:25
Using AI to provide value to students and teachers during the learning process
Jasmin Rubinovitz, Creative Technologist, Creative Lab, Google
Do LLMs have consistent values?
Naama Rozen, School of Education, TAU
Automatic assessment of creativity in programming
Prof. Arnon Hershkovitz, School of Education, TAU

Coffee Break .......................................................... 10:55

Climate Talks .......................................................... 11:10
Harnessing AI for development of novel approaches to control the spread of invasive species by marine vessels
Prof. Noa Shenkar, School of Zoology, TAU
Foundation models: the key to unlocking the full potential of remote sensing data
Yochai Blau, Senior Research Scientist, Google Research
Building the bridge between AI and wastewater treatment
Offir Inbar, Department of Geophysics, TAU
Modeling post-flood water quality
Prof. Hadas Mamane Steindel, School of Mechanical Engineering, TAU
Green Light - mitigate climate change by optimizing traffic lights and improving urban mobility
Dotan Emanuel, Senior Staff Software Engineer, Google Research

Inspiration Talks .......................................................... 12:05
On challenges in developing environmental technologies based on 3rd party data - the case of opportunistic weather sensing
Prof. Hagit Messer-Yaron, School of Electrical Engineering, TAU
How can AI revolutionize sustainability?
Ayelet Benjamini, Engineering Director, Google Research

Light Lunch .......................................................... 12:35

Google workshop: advanced prompting in action .................. 13:15
Lidan Hackmon, Senior Software Engineer, Google Research

Register here

Monday
July 15th
9:30–14:00
Google TLV
Electra Tower
Yigal Alon 98