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
Prof. Tova Milo, Dean, Faculty of Exact Sciences, TAU

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

Do LLMs have consistent values?
Dr. Naama Rozen, School of Education, TAU

Using AI to provide value to students and teachers during the learning process
Jasmin Rubinovitz, Creative Technologist, Creative Lab, Google

Automatic assessment of creativity in programming
Prof. Arnon Hershkovitz, School of Education, TAU

Inspiration Talk .......................................................................................................... 10:55
Ayelet Benjamini, Engineering Director, Google Research

Coffee Break .............................................................................................................. 11:10

Climate Talks ............................................................................................................ 11:25

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 Talk .......................................................................................................... 12:15
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

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

Google workshop: advanced prompting in action ..................................................... 13:05
Lidan Hackmon, Senior Software Engineer, Google Research

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