

Cybersecurity Technology for Critical Power Infrastructure AI-Based Centralized Defense and Edge Resilience

Kickoff Meeting Agenda

November 15, 2021

Israel Time: 5 pm - 7 pm

US Time: 10 am - 12 pm (EST), 8 am - 10 am (MST), 7 am – 9 am (PST)

Purpose of Kickoff Meeting:

Welcome to the kickoff meeting of the consortium on energy cyber, funded by BIRD. We would like to take this opportunity to introduce the team members of this Israel-US binational project and discuss synergies and strategies that will help make this joint R&D effort a great success. We will begin with welcome remarks and project introduction from key leaders of the project, followed by inspiring presentations from industry experts on development of cybersecurity solutions, energy infrastructure and operations, and data for R&D. The meeting will be conducted online via zoom video conferencing and recorded for future reference. Please use the link below for joining the meeting:

<https://us02web.zoom.us/j/85699612468?pwd=NXISRGJEMVdMazRxaUVKamdHb2JqUT09>

Agenda (Coordinator: Yang Weng) (all times are in Israeli time in late afternoon):

Welcome and Project Introduction:

- 5:00-5:10 Eitan Yudilevich, Executive Director, BIRD Foundation
- 5:10-5:20 Kyle Squires, Dean of Engineering, ASU
- 5:20-5:30 Yuval Elovici, Head of Cyber@BGU, BGU
- 5:30-5:40 Stephen Philips, Director of School of Elec., Computer & Energy Eng., ASU
- 5:40-5:50 Wenke Lee, Director of School of Computer Science, GIT
Sukarno Mertoguno, Director of Institute for Info. Security and Privacy, GIT
- 5:50-5:55 Rami Puzis, Asst. Prof., Dept. of Software & Information Systems Eng., BGU

Short Presentations from Industrial Partners:

(I) Energy Infrastructure and Operations

- 5:55-6:00 Avi Alon, Sr. Director of Cybersecurity, Delek US
- 6:00-6:05 Rui Yang, Sr. Research Engineer, National Renewable Energy Laboratory
“Introduction to NREL’s Research in AI for Power Systems”
- 6:05-6:10 John Dirkman, VP of Product Management, Resource Innovations / Nexant
- 6:10-6:15 Ali Kazemi, Director of Sales, Schweitzer Engineering Laboratories
- 6:15-6:20 Philippe Bisson, Business Development Manager, OPAL-RT
“OPAL-RT Co-Simulation of Cyber-Physical System”

(II) Cybersecurity Solutions and Standards

- 6:20-6:25 Ilan Sosnovich, Global Sales Manager, SIGA OT Solutions
“Early Warning Detection for Geographically Dispersed Assets in a Power Grid using Unique Out-of-band ML Algorithms”
- 6:25-6:30 Marie Stanley Collins, Department Manager, MITRE
- 6:30-6:35 Yehuda Ayalon, Head of Cybersecurity, Meptagon Group
- 6:35-6:40 Matan Dobrushin, VP Research, OTORIO
“OTORIO's Platform - RAM² and its Part in the Consortium Projects”
- 6:40-6:45 Xia Miao, Founder & CEO, Fova Energy
- 6:45-6:50 Ori Herman, GM Israel & VP Global Operations, Cybereason

(III) Data for Cybersecurity R&D

- 6:55-6:55 Elizabeth Cook, General Manager, Advanced Grid Solutions, Duquesne Light Company (DLC), “Introduction of DLC”
- 6:55-7:00 Mark Johnson-Barbier and Brent Heyen, Cybersecurity Architects, Salt River Project, “Introduction of SRP”
- 7:00 Closing remarks and meeting adjourns

Kickoff Meeting Staffs: Yang Weng, Rami Puzis, Chin-Woo Tan, Oleg Brodt, and Bilal Saleem

