



AIT SUSTAINABILITY HACKATHON 2022

Location: AIT-EC and Online
Date: 18-20 November 2022
Time: 3:00 PM on 18 November to
7:00 PM on 20 November

AGENDA

Program of Activities on 18 November 2022

15:00 – 16:00	Safety Check, Registration, T-Shirt Collection Event Moderator: Sanhakot Vithayaporn	AIT-EC and Zoom
16:00 – 16:10:5	Welcome Remarks Prof. Vilas Nittivattananon SERD Dean, and Course Instructor, DDS/SERD	AIT-EC and Zoom
16:05 – 16:10	Opening Remarks Prof. Shobhakar Dhakal Vice President for Academic Affairs, DDS/SERD	AIT-EC and Zoom
16:10 – 16:15	Transferring Your Ideas through AIT Enterprises Alliance Dr. Naveed Anwar Vice President for Knowledge Transfer, AIT	AIT-EC and Zoom
16:15 – 16:30	Launching Remarks and Hacking Topics by Prof. Kazuo Yamamoto AIT President	AIT-EC and Zoom
16:30 – 17:00	Group Photo	





18 November 2022 (continued)

17:00 – 17:05 Your Ideas, Your Way to AIT-EC by AIT-EC and Zoom
Prof. Dieter Trau
SET Dean
Director, AIT Entrepreneurship Center

17:05 – 17:15 Hacking Rules, Pitching, Prizes, Sponsors AIT-EC and Zoom
Nophea Sasaki
Organizer

17:15 – 17:30 Team and Mentor Introduction AIT-EC and Zoom
Sanhakot Vithayaporn
Organizer

17:30 – 17:10 Logistics AIT-EC and Zoom
Jennifer Pangilinan
Event Assistant

17:10 – Hacking starts

Mentors (contact through Zoom or Email)

Nophea Sasaki (nopheas@ait.ac.th), Professor, DDS

Takuji Tsusaka (takuji@ait.ac.th), Assistant Professor, DDS

Sanhakot Vithayaporn, Lecturer, Stamford (Sanhakot.vithayaporn@stamford.edu)

Wasanchai Vongsantivanich, CEO of DELV (wasanchai@delvaerospace.com)





Program of Activities on 19 Nov

09:00 – 09:20	Logistics and Announcement Sophal Meas Organizer Moderator: Nophea Sasaki	AIT-EC and Zoom
09:20 – 09:30	Sustainability and Impact Investment Ms. Ladaporn Khunikakorn Director of Sustainability Technology, Southeast Asia, Project Development, South Pole	Zoom
09:30 – 09:40	Green Innovations for Competitive Advantage in Today's World Dr. Mushtaq Ahmed Memon Regional Coordinator, UNEP Bangkok	AIT-EC and Zoom
09:40 –	Hacking resumes	AIT-EC and Zoom
12:00 – 13:00	Lunch Break	
13:00 – 13:20	Acculturation and Urban Sustainability of University Students Sireesha Bantu Director of Sustainable Campus, AIT	AIT-EC and Zoom
13:20 – 17:00	Hacking Continues by Individual Teams	AIT-EC and Zoom
17:00 – 17:20	Innovation in Air Quality Management Ekbordin Winijkul Associate Professor, Department of Energy, Environment and Climate Change, SERD	
17:20 –	Hacking Continues by Individual Teams	





09:00 – 09:20

Logistics and Announcement
Agnes Pardilla

Moderator: **Sanhakot Vithayaporn**

AIT-EC and Zoom

09:20 – 09:30

Space Technologies for Urban Sustainability
Business

Wasanchai Vongsantivanich

CEO and Founder, DELV Aerospace

AIT-EC and Zoom

09:30 – 09:40

Future Foods: Emerging Trends, Industrial
Transformation and Sustainability

Anil Kumar

Professor, Food Engineering and Bioprocess
Technology, Food Innovation, Nutrition, and
Health, Department of Food, Agriculture, and
Bioresources, SERD

AIT-EC and Zoom

09:40 – 12:00

Hacking resumes

AIT-EC and Zoom

12:00 – 13:00

Lunch Break

13:00 – 13:10

Sustainability Talks

AIT-EC and Zoom

13:10 – 15:00

Hacking Continues by
Individual Teams

AIT-EC and Zoom

15:00 – 15:30

Pitch Deck Submission and Arrival of Juries
URL

AIT-EC and Zoom
Google Drive

15:30 – 17:00

Pitching Competition
TBD

AIT-EC and Zoom
Google Drive

17:00 – 17:30

Judging Time

AIT-EC and Zoom

17:30 – 18:00

Winners Announcement and Prizes

AIT-EC and Zoom

18:00 – 18:30

Closing Remarks

By Mokbul Ahmad

Head of the DS Department and Course Co-
instructor, DDS

AIT-EC and Zoom





Judges for the Sustainability Hackathon 2022

Prof. Mokbul Ahmad

Course Instructor and Head of the Department of the Development and Sustainability, SERD, AIT

Prof. Vilas Nitivattananon

Course Instructor and Dean of SERD, AIT

Ladaporn Khunikakorn

South Pole, Bangkok

Prof. Dieter Trau

Director of AIT Entrepreneurship Center and Dean of SET, AIT

Criteria for Judging

- Sustainability Innovation: 20%
- Relevancy to SDGs: 20%
- Relevancy to Industry 4.0 Technologies: 20%
- Product Design: 20%
- Team Pitching: 20%

Hackathon Mentors

Nopheas Sasaki (nopheas@ait.ac.th), Professor, DDS

Takuji Tsusaka (takuji@ait.ac.th), Assistant Professor, DDS

Sanhakot Vithayaporn, Lecturer, Stamford
(Sanhakot.vithayaporn@stamford.edu)

Wasanchai Vongsantivanich, CEO and Founder, DELV Aerospace
(wasanchai@delvaerospace.com)

Contact

Prof. Nopheas Sasaki

Course and Event Coordinator

Department of Development and Sustainability, Asian Institute of Technology

E-mail: nopheas@ait.ac.th

<https://dds.ait.ac.th/sustainability-hackathon-2022-ait/>

Supporting DDS Staff

Ms. Sophal Meas (02-524-5668) or Ms. Agnes Pardilla (02-524-5668)

