



EDUCATE FOR THE FUTURE
**PBL, SUSTAINABILITY
AND DIGITALISATION**

IRSPBL 2021

8TH INTERNATIONAL RESEARCH SYMPOSIUM ON PBL

PROGRAMME

AALBORG UNIVERSITY, AALBORG, DENMARK
AUGUST 15-17, 2021

Learn more about the conference
programme on
www.irspbl2021.aau.dk



United Nations
Educational, Scientific and
Cultural Organization



AALBORG UNIVERSITY

Aalborg Centre for Problem Based Learning
in Engineering Science and Sustainability
under the auspices of UNESCO

SUNDAY, AUGUST 15

14:00-15:30

Pre-conference Workshops:

PBL generic competences in the curriculum, Dr. Jette Holgaard (AAU, Denmark)
CDIO and PBL, Dr. Kristina Edström (KTH, Sweden)
The use of PBL in international collaborative projects on sustainability in Higher
Education", Dr. Simone Monteiro and Dr. Dianne Viana (University of Brasilia, Brazil)

15:30-16:30

IRSPBL 2021 Opening Reception

MONDAY, AUGUST 16

09:00-09:30

Morning Coffee

09:30-10:20

Conversation on Regional and Global Change:

Professor Gopalkrishna H. Joshi (KLE Technological University, India),
Professor Jian Lin (Tsinghua University, China),
Professor José Ismael Peña (Universidad Nacional de Colombia, Colombia)
Professor Khairiyah Yusof (UTM, Malaysia)

10:30-11:00

Meet the Speakers

11:00-11:30

Networking Sessions

11:30-12:30

BREAK

12:30-14:00

Interactive Paper Session (Poster Session)

14:00-14:50

Conversation on PBL and Sustainable Development:

Dr. Peggy Oti-Boateng (UNESCO, France),
Professor William Oakes (Purdue University, U.S.)
Professor Daniella Tilbury (Research Chair in Sustainability in Higher Education,
UK)

15:00-15:30

Meet the Speakers

15:30-16:00

Networking Sessions

TUESDAY, AUGUST 17

09:00-09:30

Morning Coffee

09:30-10:50

Workshops:

"Like Being There": Using 360° video in Virtual Reality, Dr. Jacob Davidsen (AAU,
Denmark), Prof. Jonte Bernard (Linköping University, Sweden)
Reflecting and learning PBL competences, Dr. Jette E. Holgaard (AAU, Denmark)
Ensuring meaningful quality learning, Professor Khairiyah Yusof (UTM, Malaysia)

11:00-12:00

Young Researchers and PhD Projects

12:00-12:30

BREAK

12:30-13:20

Conversation on Future of Engineering Education:

Professor Amitava 'Babi' Mitra (MIT, U.S.)
Professor Fawwaz Habbal (Harvard, U.S.)
Professor Jakob Stoustrup (Aalborg University)
Consultant in Engineering Education, Ruth Graham

13:30-14:00

Meet the Speakers