IBPSA Project 2

IBPSA Project 2: BOPTEST Expert Meeting
November 20-21, 2024
Technical University of Denmark (DTU), Denmark

Objective and Goals:

This is an in-person meeting for IBPSA Project 2 participants. It will be centered around planning and development activities for Project 2 and BOPTEST. This meeting is open to anyone interested in participating in BOPTEST development and IBPSA Project 2 activities. Goals of the meeting include:

- Align on current and planned Project 2 activities
- Discuss development and technical issues in-depth
- Collect usage feedback
- Share new ideas about development, use cases, and Project 2 activities
- Networking and community-building

For more information on IBPSA Project 2, including the workplan, please go to: https://ibpsa.github.io/project1-boptest/ibpsa/index.html.

Meeting Location:

Building 358 Room 021
2800 Kongens
Lyngby, Denmark
Google Maps: https://maps.app.goo.gl/7P5yUbUPYFLtubJh7
(Room is at the East end of the building)

Host Contact Information:

Matthias Van Hove: +32 497672145, mvaho@dtu.dk
Peder Bacher: +45 60774725, pbac@dtu.dk
Building 303B
2800 Kongens
Lyngby, Denmark

Agenda:

Item	Time	Leader(s)
Day 1 (November 20, 2024)		
Welcome Coffee	8:30-9:00a	-
Meeting Welcome and Participant Introductions	9:00-9:20a	David Blum, Lieve Helsen
Host Welcome and Introduction	9:20-9:30a	Matthias Van Hove, Peder Bacher
Overview of IBPSA Project 2 and BOPTEST	9:30-10:00a	David Blum
Task Technical Objectives, Progress, and Plans (~15 min each Task 1 & 2)	10:00-10:30a	Javier Arroyo, David Blum
Break	10:30-11:00a	-
Task Technical Objectives, Progress, and Plans (~15 min each Task 3 & 4)	11:00-11:30a	Ettore Zanetti, Esther Borkowski
Plenary Discussion of Task Objectives	11:30-11:55a	David Blum
Organization of Breakout Sessions and Announcements	11:55-12:00p	David Blum
Lunch and Group Photo	12:00-1:00p	Matthias Van Hove, Peder Bacher
Breakout Session 1 – Task 3	1:00-2:00p	See Breakout Schedule
Breakout Session 2 – Task 4	2:00-3:00p	See Breakout Schedule
Travel to and Tour Freetown Christiania	3:00p-6:30p	-
Dinner in Freetown Christiania	6:30-8:30p	-
Day 2 (November 21, 2024)		
Welcome Coffee	8:30-9:00a	-
Welcome and Warmup	9:00-9:15a	David Blum
Keynote Talk: ADRENALIN: Experiences from using BOPTEST as a tool for a building control competition	9:15-10:15a	Harald Taxt Walnum
Break	10:15-10:45a	-
Breakout Session 3 – Task 3	10:45-12:00p	See Breakout Schedule
Lunch	12:00-1:00p	-
Breakout Session 4 – Task 2	1:00-2:15p	See Breakout Schedule
Break	2:15p-2:45p	-
Breakout Session 5 – Task 1	2:45p-3:45p	See Breakout Schedule
Break	3:45-4:00p	-

Task Discussion Summaries and Next Steps (~10 min each task)	4:00-4:45p	Javier Arroyo, David Blum, Ettore Zanetti, Esther Borkowski
Organizational Announcements and Wrap-Up	4:45-5:00p	David Blum, Lieve Helsen
Adjourn	5:00p	-

Lodging:

It is recommended to stay close to Nørreport Station in Copenhagen (Google Maps: https://maps.app.goo.gl/trFFnFRNnBbntWoF8) and plan to take public transportation (metro and/or bus) from there to the DTU meeting location.

Transportation:

It is recommended to use Google Maps or http://rejseplanen.dk/ for transport planning in Denmark. For train and bus tickets, the best option is the Rejsekort app (Link: https://www.rejsekort.dk/da/apps/rejsekort-som-app?sc_lang=en). If it doesn't work, try the DOT (Din Offentlige Transport) app.

To get to the meeting location from Nørreport Station, it is recommended to take the metro to Lyngby Station, and then there are multiple buses from there that get you closer to the meeting building. There is also a bus that goes directly from Nørreport Station to the area around the meeting building, but it might take a few minutes longer than starting with the metro. Consult Google Maps or http://rejseplanen.dk/.

For travel between Copenhagen Airport and Nørreport Station, it is recommended to take the Metro Train M2 (about 20 min ride).

Registration:

Registration fee is 150 EUR.
It will include lunches on Days 1 and 2, dinner on Day 1, and coffee during breaks.
Deadline: November 8, 2024
Registration link:
https://www.conferencemanager.dk/boptest2024-dtuworkshop-20-21112024/conference

Breakout Session Schedule:

	Task 1: **Outreach and Community Building**	Task 2: **Methods and Infrastructure**	Task 3: **Test Cases**	Task 4: **Controller Testing**
Discussion Leads	Javier Arroyo	David Blum	Ettore Zanetti	Esther Borkowski
Session 1 [1 hr]			• Updates to current test cases • New test case development status • New test case ideas and contributions • Changing the test case naming scheme (as time allows)	
Session 2 [1 hr]				• Webinars • Workshops • Turning collective results into a publication(s) • Centralized data and result collection
Session 3 [1 hr 15 min]			• Test case compilation and execution tools • Test case development and review processes	
Session 4 [1 hr 15 min]		• Repository refactoring • Updates for web-service hosting and dashboard • DOPTEST development • Sensor uncertainty and faults • New ideas		
Session 5 [1 hr]	• Website • Past and future events • Tutorials and workshops • Usage statistics and publications • Known industry usage			