

**IBPSA Project 2: BOPTEST**  
**Task 2**  
**Virtual Progress Meeting**

6/25/2026  
9:00 AM – 10:00 AM U.S. Eastern Time

**Participants**

|                    |                                       |
|--------------------|---------------------------------------|
| Jaap Neven         | KU Leuven                             |
| Javier Arroyo      | WEDOCO                                |
| David Blum         | LBNL                                  |
| Harald Taxt Walnum | SINTEF                                |
| Nikolai Drigalenko | NTNU                                  |
| Guowen Li          | Texas A&M University                  |
| Hongwen Dou        | École de Technologie Supérieure (ÉTS) |
| Bertrand Kerres    | Terion                                |

Total: 8

**Notes**

1. Updates to Test Case Modelica Libraries and Compilation [Dave]
  - PR #799 (Issue #422, among others).
  - See slides presented by Dave.
  - Address Issue #849 first and merge to issue422 branch.
  - Test case generation tutorial should be updated to help with new workflows.
  - Would networked Dymola license work with BOPTEST? It should be able to connect just like in a host environment.
  - Regarding benchmark KPI reporting, revise or clarify title for elapsed time reporting. And add specs for computer tested on.
2. Prep for BOPTEST v1.0.0 Release [Dave]
  - Once PR #799 merged.
3. Testing Use of Modelica “Break” Statement [Dave]
  - See slides presented by Dave.
  - Is graphical notation lost if add signal exchange blocks? At least in Dymola, no, as long as graphic annotations for new blocks are there and connections made. Maybe if adding blocks through a script and not also adding graphic annotations.
4. Sensor Uncertainty [Jaap]
  - MS student defended.
  - Planning BS27 paper, Jaap and Dave to connect on paper and implementation for BOPTEST.
5. Supply temperature control in bestest\_hydrionic\_heat\_pump [Jaap]
  - Issue #849

- Add additional PI control for supply water temperature control and associated overwrite block for set point? Ok by Javier.
  - Jaap to make PR to issue422 branch.
6. Online Dashboard and Service [Dave]
    - No update.
  7. DOPTTEST [Javier]
    - No update. Will remove from future agendas.
  8. New KPI – Actuator Travel [Dave, Xing, Jan Marco]
    - No update.
  9. Any Other Topics [All]
    - BS2027 Papers? It is in Vienna and abstracts due August 15.
      - i. Sensor uncertainty.
  10. Ideas for New Initiatives [All]
    - Out of time.