

Session Program

Oct 1 - 2, 2025

**11th European Space Propulsion System
Simulation (ESPSS) Workshop**

User Presentations/Papers

ESTEC, The Netherlands, Newton 2 Conference Room

Wed, October 1

12:00 PM

User Presentations/Papers

Session | **Location:** ESTEC, The Netherlands, Newton 2 Conference Room

12:00 - 12:20 PM

ESA: Application of ESPSS for propulsion system preliminary sizing methodology

12:20 - 12:40 PM

Ariane Group: MMH property data in ESPSS

12:40 - 1:00 PM

OHB-Sweden: Literature based validation for priming events using a simplified EcosimPro schematic

2:00 - 2:20 PM

DLR: EcosimPro/ESPSS for rocket engine systems simulations

2:20 - 2:40 PM

CIRA: EcosimPro modeling of LOX/CH4 propulsion systems: insights from the TEME project and the DEMO engine

2:40 - 3:00 PM

Pangea Aerospace: aerospike modeling in ESPSS (design solutions and encountered issues)

3:00 - 3:20 PM

Airbus DS: Exomars Rosalind Franklin Mission propulsion modelling using ESPSS

3:20 - 3:40 PM

AVIO: Ecosimpro Modelling Approach for Cryogenic Propellant Management of VEGA-E Upper Stage

3:40 PM