

Toolbox for the Modeling and Analysis of Thermodynamic Systems Workshop, Cleveland, April 15, 2015

Attendee Feedback - Overall

Question	Academia Average	Government Average	Industry Average	Overall Average
How successful was the workshop in disseminating of information on T-MATS?	4.5	5.0	4.4	4.6
How successful was the workshop in demonstrating example applications of T-MATS?	4.2	4.5	4.3	4.3
How successful was the workshop in soliciting feedback on enhancements to be made to T-MATS?	4.0	4.5	4.2	4.2
How valuable was the workshop to you?	4.0	4.0	3.9	4.0
If you are currently a user of T-MATS, how easy is it to use?	4.0	-	4.0	4.0
If you are not a current user of T-MATS, how helpful was the workshop for your future use of T-MATS?	4.3	3.5	4.4	4.1

Rating Scale: 1-Poor, 2-Average, 3-Good, 4-Very Good, 5-Excellent

Sample Comments from Attendees:

- The variety of the presentations was excellent – developers as well as users; government, academia, and industry; a variety of use cases.
- In my opinion, this kind of workshop is very helpful in disseminating the NASA knowledge to the public domain and motivating innovation in the engine technologies. T-MATS seems to be a tool that will allow many researchers to directly get into their own research without being dragged by the need for developing engine models from the scratch.
- Good variety on sample projects.
- I would like to test T-MATS on our microturbine test rig, to verify it against experiments. I am thinking to propose a MSc thesis project on the topic soon.
- Keep up the good work in developing this tool.

Potential Future Enhancements:

- Inclusion of additional engine models and component maps
- More connectivity with NPSS, including potentially some autoconversion capability, for control design and analysis
- Autocoding capability for real-time hardware-in-the-loop testing
- Improve user interface/visualization/analysis tools
- Enhance the control system modeling and design capability, develop additional thermodynamic blocks including turbomachinery