Technical Excellence: Jeremie Meurisse

For technical excellence in material response and flow modeling that benefit ground-breaking projects and missions concepts, AMA business development, and international technical community building.

- Goes above and beyond regarding technical community building and exhibits extremely strong business development qualities as leader in material response modeling in the thermal protection materials branch at NASA Ames Research Center.
- Main developer and maintainer of the NASA open-source code PATO – supporting users in academia, industry, and government, around the world.
- Integral part of the NASA Early Career Initiative team AERACEPT (AErosol Rapid Analysis Combined Entry Probe/sonde technology).
- Leader in machine learning and artificial intelligence at NASA Ames and AMA.
- Single-handedly wrote and got approved a NASA Space Act Agreement (SAA) between NASA Ames Research Center and the von Karman Institute for Fluid Dynamics (VKI), allowing for seamless collaboration between NASA and VKI.
- Organizing an International Modeling Workshop between NASA Ames, the VKI, the Ecole Polytechnique (Paris, France), and the University of Bordeaux (France) at NASA Ames.
- Provides precise technical directions to his staff, who are all extremely high-quality performers, which is a testament to Jeremie's technical leadership.