2019 CPS V&V GRAND PRIX

- APTIV
- IMANDRA
- NASA National Aeronautics and Space Administration
- MIT-IBM Watson AI Lab
- SIEMENS
- Google
- HRL LABORATORIES
- EDGE CASE RESEARCH
Michael Maass
Aptiv

Grant Passmore
Aesthetic Integration

Alwyn Goodloe
NASA

Nathan Fulton
MIT-IBM

Jim Kapinski
Amazon

David Orr
Google

Aleksey Nogin & Michael Warren
HRL

Aaron Kane
Edge Case Research

Christof Budnik & Christoph Brand
Siemens
“Modelling Safe and Efficient Tumbles of an Acrobatically Inclined Robot”
Rachel Cleaveland

“Modeling and Orb-Weaver Capture Spiral”
Benjamin Smith

“Versatile CPS for Data Center Cooling”
John Rollinson and Yunjie Su
“Nondeterministic Discrete Stochastic Differential Dynamic Logic”
Sam Kim

“Facilitating Concurrency in Hybrid Programs”
Long Pham and Haithem Turki

“Verified Cruise Control System on RC Vehicle”
Yufei Wang and Shashank Ojha

“Lots & Lots of Trains: Efficient Transit with Distributed Hybrid Systems”
Karen Bowman and Joshua Kalapos