2016 CPS V&V Grand Prix Carnegie Mellon University May 5th, 2016























Michael A Kozuch- Intel

Jim Kapinski- Toyota

Alwyn Goodloe- NASA

Sarah Loos- Google

Akshay Rajhans- MathWorks

Aleksey Nogin- HRL Laboratories

Sebastian Scherer- Near Earth Autonomy

Mike Franusich- SprialGen

Badar Khan- Siemens

Ron Tozzie- Bosch

Students & Projects

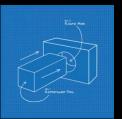
Connie Wang

NASCAR Refueling Challenges: The Strategy behind a Pit

Stop



Vincent Huang Units of Measure for Hybrid Progra



Zihan Zhou Flock on the March

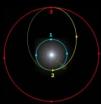


Proofs in the Pilot's Seat: Toward Verified Simultaneous Maneuvers in the Next-Generation Airborne Collision Avoidance System



Brandon Bohrer

Anthony Ko Safety of Satellites: Recircularization of Orbits



Pallavi Santhosh Kumar KeYTuner: A Hybrid Guitar Tuning System



Students & Projects

Jimit Gandhi and Astha Prasad

Safe Path Planning for an Autonomous Agent in a Hostile Environment

Rohan Meringenti and Abdel Bourai Amazon Fulfillment Centers: Robot Interactions in a Distributed System Paradigm



Adam Moran & John Mann Orbital Mechanics of Gravitational Slingshots



Tianlong Yu IoTSafe: A Safe & Verified Security Controller for Internet-of-Things



al Equations through Temporal Logic a Infinitesima



Evan Cavallo

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Karim Elmaaroufi and Viren Bajaj Safe Diving

