Judges

- Alwyn Goodloe  
  NASA

- Christof Budnik  
  Siemens

- Jim Kapinski  
  Toyota

- Michael Maass  
  Aptiv

- Matt Clark  
  Galois

- Aaron Kane  
  Edge Case Research

- Aleksey Nogin  
  HRL Laboratories

- Pete Rander  
  Argo AI

- Grant Passmore  
  Aesthetic Integration
Students & Projects

Dhruv Mahajan & Ishan Pardesi
“Formal Verification of V2I-aided Autonomous Driving: A Hybrid Games Approach”

Naina Checka & Rishabh Brajabasi
“Modelling Safe Left Ventricular Assist Devices”

Sheela Hanagal & Minji Kim
“Modeling the Dynamics of a Smart Dental Drill”

Jenny Lin
“Physically Motivated Safety Guarantees for Machine Knitting”
**Students & Projects**

Klaas Pruiksma

"Focusing for dL"

\[ \frac{D}{F} \quad \frac{E}{F} \equiv \frac{\hat{D}}{F} \quad \frac{\hat{E}}{F} \]

Katherine Cordwell

"Towards Efficient Quantifier Elimination in Mathematica"

Siva Somayyajula & David Kahn

"On a Decidable Fragments of dL"
Students & Projects

Benjamin Lim & Yao Chong Lim
“Differential-Algebraic Dynamic Logic for KeYmaera X”

Corwin de Boor
“KeYmaera X++: Improving the Proof Experience”

Naveen Pai
“Slalom: Modelling obstacle avoidance during skiing”

Katherine Kireeva
“Using Vpython to Analyze a Dynamic Equilibrium System”

Chun Kai Ling & Daniel L.-K. Wong
“Locked-on: verifying controls for aircraft tracking”
Joshua Durham
“BusyBees: Safe Controllers for Multi-Agent Swarms”

Matthew Battifarano
“Formal Verification of Traffic Networks at Equilibrium”

Abhishek Bhargava & Michael You
“Statistical Model Checking for Algorithmic Trading Strategies via Simulation of Geometric Brownian Motion”