**Langley Contractor Steering Council Meeting Minutes**

**March 16, 2023 @ 2PM – 3PM**

Hybrid Meeting – 54 online / 6 in person

Meeting Started: 2:00PM

**Chris Fannin:** Welcome everyone! A warm welcome to our special guests Dr. Marco Pavone and Kristyn Damadeo. Thank you for joining us today.

**Melissa Smith:**

* Update for VASBA:
  + We are celebrating our 10-year anniversary for VASBA!
    - Save the Date: April 20, we are having a dinner to celebrate at the Riverwalk Restaurant in Yorktown.
    - Please email Melissa if interested or if you have other VASBA questions: [msmith@adaptiveaerospace.com](mailto:msmith@adaptiveaerospace.com)
  + Save the Date: VASBA Gala – September 28 @ Marriott City Center Newport News
  + Hampton Roads AUVSI Symposium will be the same week on September 27 & 28

**Susan McClain:**

* LaRC OP Update:
  + RSES awarded on February 28 – Congratulations to AMA!
  + RSES Phase-In of New Contract happening now. Contract start date – June 1.
  + OP working on CMOE II follow on
  + Susan’s last day is May 3rd! Happy Retirement!!!!
  + Tim Cannella will be acting Director

**Rob Betts:**

* SB Update:
  + Slides avail via LCSC website
  + Upcoming opportunities:
    - RFIs issued – check out SAM.gov and pull up RFI number if you are interested to get more info on those opportunities.
  + Upcoming Learning Opportunities:
    - April 19, NASA OSBP – Will feature talks on how NASA intends to procure institutional services going forward.
  + Upcoming Outreach Opportunities:
    - April 27, NASA and Partners Small Business and HBCU Summit in New Orleans

**Guest Speaker:** Dr. Marco Pavone, Associate Professor of Aeronautics and Astronautics at Stanford University

* Our Mission: make robots capable of making decisions on their own
* Automation to autonomy
* Advanced air mobility is on the rise!
* Key technology enabler: vehicle autonomy
* AI has been fueling self-driving car progress
* Yet AI based algorithms still suffer from unpredictability and erratic behavior
* NASA ULI Center: Motivation and project goal – can we trust AI for safety critical applications and in particular for future aviation systems?
* System integration and validation- testing at Boeing flight and autonomy lab at Stanford
* SCOD- Sketching Curvature for OoD Detection
* Q&A:
  + Chris: Do you have experience with regulatory bodies and their expectations going forward? Addressing their concerns?
    - Marco: Different markets have different regulatory departments. Example: NVIDIA –> Mercedes is a customer- therefore they have their own software standards. New standards set forth will be specifically referring to AI components. With European Regulatory bodies, you have to show you comply with these frameworks. Landscape is evolving quickly.
* You may email Dr. Pavone anytime for additional questions and comments.
* Email: [pavone@stanford.edu](mailto:pavone@stanford.edu)

**Guest Speaker:** Kristyn Damadeo, Marketing and Communications Manager for Virginia Space Grant Consortium

* Part of the NASA space grant program since 1989 with more than 800 partners to date
* State funded program supported by the Governor’s Office
* Subsidies available to support current and future aerospace and aviation internships up to $4000 and cybersecurity internships up to $5000
* Year-round support, regardless of STEM discipline, to customize your experience and ensure you are connected to the right intern for your company
* Recognition from the Governor for being a program participant
* Train the next generation of STEM employees. Searchable student database for interns.
* Cybersecurity Subsidies: Award period is June 1, 2022, through September 2023
* Save the Date: April 13 – Annual student research conference at Holiday Inn Newport News . Free and Open to the public! Come check out the students’ research!
* Visit our website: csiip.spacegrant.org
* Email us with any questions: [m11brown@odu.edu](mailto:m11brown@odu.edu)
* Q&A:
  + Chris: Is there an interview process to get students and companies paired up?
    - Kristyn: Using the Student Database (provided through our Registration) students are searchable by:
      * By geographic proximity
      * Credentials
      * College/university
      * Grades
      * Major
      * Skills
      * Key words

**New Business:**

* None

Meeting Ended: 2:50PM

Notes Taken By: Jenny Monokrousos, AMA