Proposals Selected for Negotiation of Contracts

- **AnalySwift**
  444 Jennings Street
  West Lafayette, IN 47906
  Allan Wood (801) 599-5879

  **Purdue University - Main Campus**
  155 South Grant Street
  West Lafayette, IN 47907
  21-2-T12.07-1562 LaRC

  [An Efficient High-fidelity Design Tool for Advanced Tailorable Composites](#) [1]

- **Charles River Analytics, Inc.**
  625 Mount Auburn Street
  Cambridge, MA 02138
  Mark Felix (617) 491-3474

  **Worcester Polytechnic Institute**
  100 Institute Road
  Worcester, MA 01609
  21-2-T10.03-1245 JPL

  [Autonomous Swarming for Teams of Exploration Robots (ASTER)](#) [2]

- **Continuum Dynamics, Inc.**
  34 Lexington Avenue
  Ewing, NJ 08618
  Melissa Kinney (609) 538-0444

  **Pennsylvania State University**
233D Hammond Building
University Park, PA 16802
21-2-T15.04-1416 AFRC

Full-Scale eVTOL Aircraft Performance and Aeroacoustic Test, Evaluation, and Modeling [3]

- **Corvid Technologies**
  153 Langtree Campus Drive, Suite 401
  Mooresville, NC 28117
  Tracy Williams (405) 410-6552

  **North Carolina State University at Raleigh**
  2701 Sullivan Drive
  Raleigh, NC 27695
  21-2-T9.02-2587 LaRC


- **Creare, LLC**
  16 Great Hollow Road
  Hanover, NH 03755
  Patrick Magari (603) 643-3800

  **Case Western Reserve University**
  10900 Euclid Avenue
  Cleveland, OH 44106
  21-2-T14.01-1649 MSFC

  Continuous Correlations for Complete Boiling Curves of Cryogenic Fluids [5]

- **Emerging Technology Ventures, Inc.**
  1300 Lavelle Road
  Alamogordo, NM 88310
  Eugene Hudson (575) 446-9337

  **Navajo Technical University**
  Lowerpoint Road State Highway 371
Crownpoint, NM  87313
21-2-T11.05-1825 MSFC

Digital Twin Data Acquisition System for Institutional Facility Management [6]

• Global Technology Connection, Inc.
2839 Paces Ferry Road, Suite 1160
Atlanta, GA  30339
Ash Thakker (770) 803-3001

Georgia Institute of Technology-Main Campus
225 North Avenue
Atlanta, GA  30332
21-2-T11.05-1297 MSFC

Model-based Enterprise Architecture for Institutional Management Digital Twins [7]

• GOEPPERT, LLC
2200 Arch Street, Unit 504
Philadelphia, PA  19103
Vanya Buvac (267) 687-9996

University of Connecticut
438 Whitney Road Extension, Unit 1133
Storrs, CT  06269
21-2-T6.06-1195 JSC

New-generation spacecraft water monitoring with flight ready solid state nanopores [8]

• Intelligent Imaging Innovations
3575 Ringsby Court, Suite 102
Denver, CO  80216
Colin Monks (303) 638-8914

Regents of the University of Colorado
3100 Marine Street
Boulder, CO 80303
21-2-T10.04-1550 ARC

REALISE - Remote Experimentation and Analysis Laboratory In SpacE [9]

• LyteChip, Inc.
  292 Nevada Street
  Newton, MA 02460
  Erik Verlage (857) 998-2822

Massachusetts Institute of Technology
77 Massachusetts Avenue, North East 18-901
Cambridge, MA 02139
21-2-T8.07-1939 GSFC

High-Performance On-chip Spectrometer for Space Applications [10]

• Masten Space Systems, Inc.
  1570 Sabovich Street
  Mojave, CA 93501
  Sean Bedford (352) 226-5708

Pacific International Space Center for Exploration Systems (PISCES)
99 Aupuni Street, Suite 212-213
Hilo, HI 96720
21-2-T7.04-2835 KSC


• Mosaic ATM, Inc.
  540 Fort Evans Road Northeast, Suite 300
  Leesburg, VA 20176
  Chris Brinton (703) 980-3961

Universities Space Research Association
7178 Columbia Gateway Drive
Columbia, MD 21046
21-2-T10.05-1207 LaRC

*Machine Learning Explainability and Uncertainty Quantification to Support Calibration of Trust in Automated Systems* [12]

- **Mudawar Thermal Systems Inc.**
  3495 Kent Avenue
  West Lafayette, IN 47906
  Issam Mudawar (765) 463-3771

**Purdue University - Main Campus**
155 South Grant Street
West Lafayette, IN 47907
21-2-T14.01-1272 GRC

*Heat Transfer Correlations for Complete Cryogenic Pool Boiling Curve* [13]

- **Nanosonic, Inc.**
  158 Wheatland Drive
  Pembroke, VA 24136
  Amanda Moye (540) 626-6266

**Virginia Polytechnic Institute and State University**
300 Turner Street Northwest, Suite 4200
Blacksburg, VA 24061
21-2-T13.01-1411 SSC

*Wireless Networked, High Temperature, Wide Bandwidth Pressure Sensors for Propulsion System Monitoring* [14]

- **Nikira Labs Inc.**
  1074 Wentworth Street, Unit B
  Mountain View, CA 94043
  Rupal Gupta (650) 814-9833

**Colorado State University**
601 South Howes Street, Suite 500, 2002 Campus Delivery
Fort Collins, CO 80523
21-2-T6.07-2911 KSC

Spectroscopic System for the Accurate Determination of [O2], [CO2], d18O-O2, d13C-CO2, and Ethylene in Plant Chambers [15]

- **Phase Sensitive Innovations, Inc.**
  116 Sandy Drive
  Newark, DE 19713
  Ahmed Sharkawy (302) 898-5544

**Rochester Institute of Technology**
1 Lomb Memorial Drive
Rochester, NY 14623
21-2-T5.04-2489 GRC

Entangled Photon Pair Source Based On Thin-Film Lithium-Niobate-On-Insulator Photonic Integrated Circuits [16]

- **Physical Sciences, Inc.**
  20 New England Business Center
  Andover, MA 01810
  William Marinelli (978) 738-8226

**Board of Trustees of the University of Illinois (at Urbana-Champaign)**
SPA, 1901 S. First Street, Suite A
Champaign, IL 61820
21-2-T5.04-1614 GRC

Quantum-memory Wavelength-Division Multiplexing (QWDM) [17]

- **RE3D Inc**
  1100 Hercules Avenue, Suite 220
  Houston, TX 77058
  Samantha Snabes (512) 730-0033

**The University of Tennessee-Knoxville**
201 Dougherty Engineering, Building 1512 - Middle Drive
Knoxville, TN 37996
21-2-T12.05-3097 JSC

3D Printing of High Temperature Thermoset Foams for Space Vehicular Thermal Protection Systems [18]

- **Space Lab Technologies, LLC**
  5455 Spine Road, Suite ME
  Boulder, CO 80301
  Christine Escobar (720) 309-8475

  **University of Florida**
  600 S Clyde Morris Boulevard
  Daytona Beach, FL 32114
  21-2-T6.07-2266 KSC

  A Smart Spectral Polarimetric Imager for Autonomous Plant Health Monitoring [19]

- **Vescent Photonics, Inc.**
  14998 West 6th Avenue, Suite 700
  Golden, CO 80401
  Scott Rommel (303) 296-6766

  **Lincoln Laboratory**
  244 Wood Street
  Lexington, MA 02420
  21-2-T8.07-1991 GSFC

  Ultra-narrow Linewidth Lasers for Deployed Quantum Timing Applications [20]

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