

Awards for RHI 2012-2013

NASA HONORS & PEER AWARDS

EXCEPTIONAL ACHIEVEMENT MEDAL – **Mark R. Woike** – Received the Exceptional Achievement Medal (EAM) “for innovations in microwave sensing for blade tip clearance and in the replacement of the 8x6 and 9x15 wind tunnels controls system, benefiting the aerospace industry.”

Wings of Excellence Award: Dr. Amy Fagan, 2012.

TSA Award: “Technology & Innovation in Developing Multi-terrain Mobile Sensing Robot for First Responder,” June 2012

NASA GROUP ACHIEVEMENT AWARDS

- **GRC Significant Achievement Award (Group), “PSL Icing Calibration Team”**, received by **Timothy J. Bencic, Dr. Amy Fagan, and Michele C. Clem**, January 2013.
- **8x6 QEVC Propulsion Rig Test Team recognized by Peter Coen**, HS Project Manager, **Mark R. Woike** and **Michele C. Clem**, “The data set that you have collected for the HS Project will be invaluable as we move forward in our exploration of what it will take to create future supersonic aircraft.

Selected to the Editorial Board of the Scientific World Journal: Aerospace Engineering, **Dr. Grigory Adamovsky**, 2012

Selected to serve as a voting member of the GRC SEB board: **Dr. Grigory Adamovsky**, 2012

Selected to participate in the Keck Institute for Space Studies (KISS) workshop: **Michelle Clem**, May 3 2012

Invited Co-editor of a special issue on SHM & NDE for the Scientific World Journal: **Mark R. Woike**, January 2013

Assistant Materials Evaluation Journal Editor: **Dr. Donald J. Roth**, March 2013

GRC TECHNOLOGY AWARD “Contributions to the Mobile and Remote Sensing Hazmat Activity MARSHA Project,” June 2012

PATENTS & TECH BRIEF AWARDS

- **US Patent #8,416,007** “A Source Coupled N Channel JFET Based Digital Logic Gate Structure,” **April 09, 2013**
- **US Patent #8,159,669** “Space Radiation Detector with Spherical Geometry,” **April 26, 2012**
- **LEW-18808-1:** “Novel Software Method for Computed Tomography Cylinder Data Unwrapping-Reslicing & Analysis.” POC: **Dr. Donald J. Roth**
- **LEW-19032-1:** “Acoustic Emission Applet Software.” POC: **Dr. Donald J. Roth**

SPACE ACT AWARDS

- **LEW-18636-1:** “A Source Coupled N Channel JFET Based Digital Logic Gate Structure Using Resistive Level Shifters and Having Direct Application to High Temperature Silicon Carbide Electronics.” POC: **Michael J. Krasowski**
- **LEW-18761-1:** “Surface Temperature Measurement Using Hematite Coating,” POC: **Timothy J. Bencic**, July 18, 2012

TECH BRIEF PUBLISHED (5)

- **LEW-18910-1:** “Method for Multiple Sensor Networks Over a Broad Temperature Range.” POC: **Michael J. Krasowski**, September 2012.
- **LEW-18902-1:** “Analog Correlator Based on One Bit Digital Correlator.” POC: **Michael J. Krasowski and Norman F. Prokop**, September 2012.
- **LEW-18816-1:** “High-Speed Edge-Detecting Line Scan Smart Camera,” NASA Tech Brief.” POC: **Norman F. Prokop**, May 2012.
- **LEW-18758-1:** “Integrating Multiple Data-Driven Anomaly Detection Techniques with Real Test Data from a Spinning Turbine Engine Like Rotor “; NASA’s Tech Briefs, Volume 36, Issue 10. POC: **Mark R. Woike, Dr. Ali Abdul-Aziz, Bryan L. Matthews, and Nikunj C. Oza**, September 2012
- **LEW-18942-1:** “Adaptive Phase Delay Generator,” NASA Tech Brief. POC: **Lawrence C. Greer**, 2013