

Vice Chair-Elect

Vice Chair-Elect Candidate: Vladimir Karakusevic



Vladimir Karakusevic is a senior analyst (structural), currently with Boeing Commercial Aviation Services, in Everett, WA. At the moment Vladimir works in Customer Support Engineering for widebody fleet on tasks related to Structural Repair Manuals (SRM). He is also part of the Knowledge Management team. Vladimir is also involved with Nanotechnology applications group at Boeing as well as supporting the Technology Scouting and Evaluation team efforts related to bringing new structures related technologies to Boeing.

Prior to this his background covers 20+ years of international experience; including working for several OEMs and in cooperation with multiple international companies. Vladimir worked on various engineering and product development tasks in different industries and in various cultures.

In addition, he has published several papers in the field of applied mechanics and geometry.

Vladimir holds an M. Sc. in Aerospace Engineering degree from University of Belgrade, in Belgrade, Serbia and he is currently completing his M.Eng degree in Mechanical Engineering (Robotics) from McGill University in Montreal, Canada.

Secretary-Elect



Secretary-Elect Candidate: Nathaniel Hotchko

Biography

Nathaniel Hotchko is a Senior Member who has attended lectures, meetings and other AIAA events for nearly a decade. Nathaniel last served within AIAA as Vice President of his student section in graduate school and would like to again take a more active role within the organization. Nathaniel earned a mechanical engineering degree from Gonzaga University and a mechanical & aerospace engineering degree from the George Washington University. He spent his early career at NASA Langley Research Center involved with Mars exploration projects and launch vehicle concepts. Nathaniel is currently a stress analyst for Boeing Commercial Airplanes.

Candidate Statement:

I would like to serve the Pacific Northwest section of AIAA as Secretary-Elect in order to help make the section run smoothly and to work with aerospace professionals outside of my duties on the job. I have found the AIAA useful in my career as well as interesting to be a part of, and want to do my part to make the local section positively serve my fellow members.

Secretary-Elect Candidate: Mark Viviano

Biography

Mark has been a continuous member of the AIAA since 2001 and in the past has held the position of secretary with the PNW section. For the past 6 years he has been an aircraft performance engineer with the Boeing company. Most recently he has worked in the 787 product development group providing design support on derivative aircraft. He previously worked in Aerodynamics for the Sales Support and Flight Manuals groups. He earned a B.S in aerospace engineering from the California Polytechnics State University and is working on a masters in mechanical engineering at Columbia University.

Treasurer-Elect

Treasurer-Elect Candidate: Piotr Lubowiecki

Advisory Council

Advisory Council Candidate: Charles Beard



(Associate Fellow)

Charles Beard has been a continuous member of AIAA for 18 years and is currently and Associate Fellow of AIAA. He is also a member of the "AIR BREATHING PROPULSION SYSTEMS INTEGRATION TECHNICAL COMMITTEE" for the past three years and has attended CVD four times in the past, and was a member of an AIAA committee on ITAR Reform. He also represents the local Section in the Puget Sound Engineering Council and has chaired the PSEC Engineers Fair for the past two years. He also supports the Aviation High School Mentoring Program and is also a mentor that the Museum of Flight's WAS program.

He currently works for Boeing Propulsion Product Development and recently worked on the 747-8 Engine Buildup and the 787 Vertical Fin. Over the past 30 years, he has worked on various Space Shuttle programs, Boeing Interiors, Orbital Express Satellites, turbine engine work, and Lear Jets.

Prior to his Aerospace carrier, he spent 8 years working for Drake Engineering designing and building Offy racing engines for the Indy 500 and other USAC races.

2011 PNW AIAA Elections

Votes due Friday, May 13, 2011

Advisory Council Candidate: Stanley D. Ferguson



(Associate Fellow)

I have been involved in AIAA since my college years and have participated at the national level the last several years. My goal is to improve the interaction of our local section and the national AIAA technical and standing committees. I believe this will give us the opportunity to improve the local section programs as well as provide opportunities for younger members to participate in the national technical committees and conferences. A special interest of mine is AIAA's STEM initiative and providing opportunities for our local schools to take advantage of this initiative.

Biography

M.S. Engineering (Fluid Mechanics), University of Washington (1979); B.S. Aerospace Engineering, West Virginia University (1973). I am currently the product team leader for the aerodynamics and flight performance of a solar powered / hydrogen fuel cell aircraft for DARPA. I have thirty-six years of experience in aerodynamic design, analysis, and testing for commercial airplanes, ascent and reentry vehicles, missiles and space craft including flight procedure and airworthiness certification. My most important contributions to aerodynamics have been the configuration designs for the Navy's Multi-Mission Aircraft (MMA, P8), the 737 Airborne Early Warning and Control (AEW&C) and Sea Launch; aerodynamic fairings for Connexion by Boeing and Family of Beyond Line-of-Sight Terminal and wing stall solutions for commercial and military aircraft.

AIAA Activities and Honors

Associate Fellow (2008), continuous membership since 1973, WVU Outstanding Student Section Chair (1973). Previous member of AIAA Education Standing Committee, member of the AIAA Applied Aerodynamics Technical Committee since 2006, chair of the Aerodynamic Design Sub-committee (2007 to 2010), AIAA Public Policy Standing Committee member (2011). Chair and coordinator for several special sessions on "Efficient and Environmentally Friendly Aircraft" and coordination of the AIAA 2010 Student Aircraft Design Competition. Published AIAA papers on turbulence flow experiments, launch vehicle design, aerodynamic fairings and aero-structures.

Other Activities and Honors

Boeing Technical Fellow in Aerodynamics receiving special inventions of the year awards (2005 and 2006); numerous outstanding performance awards; patents on inlets, aerodynamic fairings and radio frequency chokes. Graduated with honors including memberships in Tau Beta Pi (vice-president) and Sigma Gamma Tau.

Advisory Council Candidate: James McClelland



My motivation to be AIAA Council Advisor of the Pacific Northwest Section of AIAA is to provide good support for the continued merging of the knowledge gained from past efforts in the aerospace business with the march into new technologies. This allows reduced regeneration of previous achievements so that

resources may be spent efficiently, forging the uninterrupted future of a great industry.

Advisory Council Candidate: Grant Palmer



Grant Palmer is an aerospace engineer who lives in Bothell, WA. For 15 years he worked in the Space Technology Division at NASA Ames Research Center in Moffett Field, CA. For the past 10 years, Grant has worked for the ELORET Corporation as a contractor to NASA Ames in the fields of CFD, radiation modeling, and TPS analysis. He has also published six books on computer programming. Grant is an Associate Fellow of the AIAA, is an associate editor of the Journal of Spacecraft and Rockets, and serves on the AIAA Thermophysics Committee.

My statement

I'm looking forward to meeting and working with the members of the Pacific Northwest section of the AIAA. I work for NASA as a contractor, but as far as I know there is only one other NASA employee in the Seattle area. Serving as the secretary of the PNW AIAA would be a great way for me to connect with my fellow aerospace engineers and scientists. I take really good notes, and after 25 years of computer programming I can type very quickly.

Voting Instructions

For each position, vote for the stated number of candidates. Send votes to vote@pnwaiaa.org. Deadline to receive votes is Friday, May 13, 2011.

Vice-Chair-Elect: Vote for one.

☐ Vladimir Karakusevic ☐ Other: _____

Treasurer-Elect: Vote for one.

☐ Piotr Lubowiecki ☐ Other: _____

Secretary-Elect: Vote for one.

☐ Nathaniel Hotchko ☐ Other: _____

☐ Mark Viviano

Advisory Council: Vote for two.

☐ Charles Beard ☐ Stanley D. Ferguson ☐ Other: _____

☐ James McClelland ☐ Grant Palmer