

Aerospace Department Chair Association Annual Meeting

7.00pm – 10.00pm, January 10, 2012

Presidential Ballroom C, Gaylord Opryland Resort & Convention Center
50th AIAA Aerospace Sciences Meeting in Nashville, TN

Chair: Achille Messac, Syracuse University
Secretary/Treasurer: Dimitris C. Lagoudas, Texas A&M University
Past Chair: Gary Balas, University of Minnesota

Agenda

- 7:00 – 7:15 Welcome and Introductions
- 7:15 – 7:20 Approval of minutes from 2011 annual meeting, Secretary/Treasurer Report
- 7:20 – 7:40 Dr. Ashley A Kranov (Managing Director of Professional Services), ABET, (akranov@abet.org)
- ABET's Global Accreditation Activities
- 7.40 – 8.00 Dr. Bernard Grossman (Vice President, Education and Outreach), and Michael Wagner (Student Intern), National Institute of Aerospace (NIA), (grossman@nianet.org)
- ADCA Annual Fall Enrollment Survey
- 8:00 – 8.20 Dr. Rodney Bowersox and JSC representative: NASA JSC Arc Jet Facility
- 8:20 – 10:00 **Strategic Discussion Items**

1. **Broadening National Participation:** Invitation of Aerospace departments in the USA that are not yet members to join ADCA. In addition, invite Mechanical Engineering Departments in research universities where Aerospace Engineering is a part of the department curriculum and research (and not a separate department). In particular, those where Aerospace is a Minor. Define Nature of interaction.
2. **Broadening International Participation:** Extension of ADCA membership beyond the USA. Devise a plan/protocol to invite Aerospace Department chairs

of selected foreign universities (e.g., the top programs from each major country that provides students to US universities). Define Nature of interaction.

3. **ADCA Weighs in on Challenges Facing Aerospace Education/Industry:** Examine potential role that ADCA can play in these dynamic times in the aerospace industry – from a work-force/educational perspective. Can we use our *mega-phone* to influence the national discourse?
4. **Quarterly National Departmental Highlights:** Discuss the possibility of starting a quarterly online 2-3 page article/newsletter (with illustrations) that would showcase important developments of the Aerospace departments at, say, two or three universities. Participation in the newsletter can be through solicitations or self-nominations. The developments may include: (i) current research, (ii) long term visions, (iii) how the concerned department research blends into the ongoing global research in aerospace, and (iv) new and interesting undergrad/grad educational programs in the department. The audience is national; hosted in ADCA website, and disseminated beyond.
5. Create a focused **2012 Plan of Action** for ADCA. The ideas should be in line with the broad objectives/goals of ADCA: “*promote educational activities associated with Aerospace Engineering and related disciplines.*” The action items may include the above items, and others.
6. Review of **ADCA function** – beyond present pro forma activities.

Details provided by ABET speaker:

Dr. Ashley Kranov, ABET

- ABET updates including changes to criteria
- Most common program shortcomings and tips on how to get out in front
- Examples of “best practices”, program strengths, etc to include high value and sustainable assessment practices
- An overview of additional ABET resources, training, webinars, etc.