

===== WiC Newsletter =====

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1. 1. ACC 2010 - update
Contributed by May-Win Theirn

The 2010 American Control Conference (ACC) will be held Wednesday through Friday, June 30 – July 2, 2010 at the Baltimore Marriott Waterfront in Baltimore, Maryland.

The ACC is the annual conference of the American Automatic Control Council (AACC). The 2010 ACC, held in cooperation with IFAC, will present a technical program consisting of new developments in theory and practice in the area of automatic control. The technical program will consist of over 1100 presentations. In addition to regular technical sessions, this includes 27 invited sessions, 5 special sessions, 8 tutorial sessions, and 6 pre-conference workshop sessions.

Baltimore, home of the Orioles and Ravens, has a beautiful Inner Harbor with a scenic and popular waterfront. Baltimore is also rich with history, as the place where Francis Scott Key wrote the lyrics to “The Star-Spangled Banner” as he watched soldiers of Fort McHenry defend Baltimore from the Royal Navy in the War of 1812. Other attractions include the Baltimore Aquarium, the Maryland Science Center, and wide variety of other museums. Baltimore also hosts a wealth of famous restaurants and outdoor entertainment such as street entertainers, fireworks, cruise boats, and open-air theatres. Since the conference ends just before America’s Independence Day, attendees can also enjoy the July 4 festivities held throughout the U.S.

Please refer to the 2010 ACC website -- <http://www.a2c2.org/conferences/acc2010/>

Important deadlines:

Advance registration: May 9, 2010

Hotel reservations: June 1, 2010 (or subject to availability)

For more information, please contact:

Glenn Y. Masada – 2010 ACC General Chair at masada@mail.utexas.edu.

Richard D. Braatz – 2010 ACC Program Chair at braatz@uiuc.edu

- 2 Women in Control luncheon: ACC 2010 conference
Contributed by Elena Zattoni

For those who attend the ACC 2010 Conference, Maryland, you are welcome to attend:

Women in Control luncheon

Date and time: **Wednesday, June 30, 11:30-1.15 p.m.,**

Venue: **Baltimore Marriott Waterfront Room TBA**

3. 3. Ideas and technology of control systems – A workshop in conjunction with ACC2010
Contributed by Bozenna Pasik-Duncan

Workshop of Ideas and Technology of Control Systems

9:30 am – 5:00 pm, Tuesday, June 29, 2010, Baltimore Marriott Hotel

The American Automatic Control Council's and IEEE Control Systems Society's Technical Committees on Control Education strive to bring control system concepts and technologies to the awareness of high school and middle school students and teachers. Control is used in many common devices and systems, such as computer hard drives, VCRs, automobiles, and aircraft, but is usually hidden from view. The goal of these committees is to promote an increased awareness among students and teachers of the importance and cross-disciplinary nature of control and systems technology.

The workshop activities include presentations by control systems experts from our technical community, informal discussions, and the opportunity for teachers to meet passionate researchers and educators from academia and industry. The talks are designed to be educational, inspirational and entertaining showing the excitement of being an engineer. Our first workshop was held in Chicago (http://www.math.ku.edu/ksacg/nsf_hswkshop.html).

We are still developing this year's topics. Last year's session included presentations on bipedal robots, using math for cancer and epileptic seizure treatments, and earthquake engineering. A detailed program will be provided later to those who express interest in the workshop.

The National Science Foundation offers support to those researchers who want to involve K-12 teachers in their funded research or to assist in the development of suitable materials for K-12 classrooms. NSF program directors will share information about the NSF Research Experiences for Teachers program as well as the NSF G-K12 program with the audience, which support the involvement of a teacher in funded research.

Lunch will be served at the workshop and a reception will follow at 5:00 pm. Transportation costs will be covered.

Registration Deadline: May 15, 2010. Contact by email: kumath@math.ku.edu.

The workshop is sponsored by the Control Systems Society, American Automatic Control Council, National Science Foundation and University of Kansas.

4. 4. Open Meeting of IEEE CSS and AACC Technical Committees on Control Education
Contributed by Bozenna Pasik-Duncan

Open Meeting of IEEE CSS and AACC Technical Committees on Control Education

co- sponsored by the IFAC Technical Committee on Control Education in conjunction with the 2010 ACC, Baltimore, MD

5:00 - 6:30 pm, Thursday, July 1, 2010, Room: TBA

Refreshments will be served.

Organizer and Chair: Bozena Pasik-Duncan*, University of Kansas
Discussion on Control Resources Publications and Control Textbooks at Undergraduate and Graduate Levels

Call for Control Resources Publications and Call for Nominations for the IFAC Harold Chestnut Control Engineering Textbook Prize will be discussed.

*Bozena Pasik- Duncan is Chair of IEEE CSS, AACC and IFAC Technical Committees on Control Education, Chair of the IFAC Harold Chestnut Control Engineering Textbook Prize and Editor-in-Chief of IFAC Control Resources Publications.

5. 5. Good news from our members:
Contributed by NAIRA HOVAKIMYAN

Naira is very pleased to invite everyone to share the exciting news, please read through the link http://mechse.illinois.edu/sites/index.php?site_id=84
There will be more postings soon on the University CoE web site and CSL site.

6. Join LinkedIn
Contributed by Linda Bushnell

Dear All,

Please consider setting up an account on the professional networking site LinkedIn, www.linkedin.com and joining the IEEE CSS Group, <http://www.linkedin.com/e/gis/1514847>
This is a great way to network professionally. We will also be setting up a subgroup of the IEEE CSS Group for WiC.

Sincerely,

Linda

7. Women in Engineering – an article to read
Contributed by Elena Zattoni

The following is taken from an e-mail-alert from the IEEE - The Institute Editors the-institute@ieee.org]: it concerns an article on Women in Engineering.

Women in Engineering: Looking at the Gender Gap Although there are abundant outreach efforts to bring more women into engineering, a large gender gap still exists. Why do women continue to remain underrepresented? Does it really matter? And what can be done to close the gap? Four IEEE members weigh in on the issue.

Read on at <http://bmsmail3.ieee.org:80/u/16067/319552>

8. A Taste of Poland – an article to read and to share
Contributed by Bozena Pasik-Duncan

The words copied from Bozena's email:

My contribution to WIC Newsletter comes with the delay due to that last Saturday terrible plane crash that killed so many Polish people including the president and his wife. There were people on the plane whom I knew. It is true that I left Poland 26 years ago but Poland never left me... so I have been on the telephone and e-mail with my Polish family, friends and colleagues try to comfort each other... and here in Kansas, far from Poland, I have

found a comfort that came from my students, colleagues including so many from our control community, and from my new friends.

Let me share with you the story of my new friendship.

The following is the email from Rae to Bozenna.

Bozenna,

You may remember our meeting at the KU Women's Hall of Fame dinner; I remember you. I was moved when I saw the news of the plane crash this week; I felt keenly for you and your family.

I am attaching a column I wrote, which will appear within a week or so in the Bonner Springs Chieftain, a subsidiary of The Journal World.

I hope to see or talk with you soon.

Stay in Touch,

Rae Sedgwick

Let's Talk

A Taste of Poland by Rae Sedgwick

I cannot say what it is that brings people together; or why upon meeting some people for the first time you feel like you have known them for a very long time. It happens.

It has been said that we are all connected by thin threads which hold us over time; that each generation is a re-creation of a previous one; that what we do today is, in fact, inherited by future generations; that our actions shape the behavior of future generations.

I couldn't help but reflect on these ideas this last week when Lech Kaczynski and his wife, along with 96 other who went down in the plane crash in Russia; an event that rocked not only the government of Poland, but the Polish people as well. The news that day jumped out at me like a banner waving before my eyes; stopped me in a moment of sad reflection.

Only days before I shared a table with a native of Poland, now a math professor at the University of Kansas, where she and her American husband teach. The event was the Women's Hall of Fame dinner where along with others, Janet and Mary Murguia-both attorneys and Judges and classmates of mine were being inducted into the KU Women's Hall of Fame.

A number of dignitaries, colleagues, friends and previous inductees had gathered for what is each year a stunning evening; where we renew old friendships, discuss state and local politics, catch up on the news of the day. Barbara Ballard brought us up to date on current state legislation; all concerned about the impact of decreased funding on education.

The meal was lovely; I however, due to a jaw problem, am able to eat soft foods and soup. My soup was served as elegantly as if it were a full meal; a lovely seafood bisque. When it arrived, a woman sitting to my right-who turned out to be Bozenna Pasik-Duncan, a Polish math professor, ask me what I was eating. I offered her a taste.

She looked at me quizzically. I shrugged my shoulders and said something about it being a habit of my family, sharing and tasting food; what made me do it then was a mystery.

We got to talking-after she'd tasted my soup ; her story is a story about falling in love, coming to this country, marrying, having a child, being a stellar math professor, and having family yet in Poland. When the evening finished, we exchanged name tags and she said to me: "I feel at home with you".

Oh the comfort of feeling at home with one another; an honor that equals other awards given out that night. When the news comes that one who has so honored me, has received such terrible news as the plane crash, her sorrow is mine; my comfort hers; a bittersweet mystery.

9. 9. Call for papers
Contributed by Jihong Wang

The 16th International Conference on Automation and Computing (ICAC'10)
11 September 2010, University of Birmingham, Birmingham B15 2TT, UK

Conference Theme: Energy and Sustainability
— new challenges for computing and automation

AIMS: The aims of the conference are to provide a forum for scientists, engineers, scholars and students to exchange ideas and update technical knowledge and to provide a platform where joint research programmes can be formulated for mutual benefit. The conference welcomes participations and contributions from those involved in both theoretical research and practical applications of all aspects of automation, engineering, and computer science. In addition to the technical sessions, there will be plenary sessions.

SCOPE: The scope of the conference covers a broad spectrum of areas with multi-disciplinary interests in the fields of automation, control engineering, computing and information systems, ranging from fundamental research to real-world applications. The conference welcomes the submission of papers in the nature of original research, technical review and tutorial from following, but not limited to, areas:

- Artificial Intelligence
- Autonomous Systems and Sensor Integration
- Communications and Networks
- Computer Architecture
- Computer Graphics & Visualization
- Computer and Network Security
- Control Methodologies and Applications
- Database and Knowledge Support
- Digital Manufacturing and Enterprise Technologies
- Electronic/Web-Based Media
- Flexible Manufacturing and CIM
- Human Computer Interaction
- Information Security
- Information Technology and Information Systems
- Internet-based e-Engineering
- Machine Vision and Image Processing
- MEMS and micro devices
- Modelling and Simulation
- Multimedia Systems and Applications
- Network Congestion Control
- Networked Control
- Neural Networks, Fuzzy Logic, and Genetic Algorithms
- Nondestructive testing, evaluation and condition monitoring
- Optimisation and Decision Making
- Support Process Modelling, Control and

- Optimal Design
- Programming Languages
- Robust and Adaptive Control
- Robot Control and Intelligent Sensors
- Safety and Reliability Assessment
- Software Engineering
- Software Testing and Reuse
- Systems Engineering
- System Diagnosis and Identification
- Virtual Reality and Applications
- Wireless Sensor Networks

SUBMISSIONS: Papers should describe the original work with focused details. It should be no more than 6 pages (A4 paper) including figures, references, and appendices, etc, in double columns with left/right margins of 20 mm and top/bottom margins of 26 mm, column separation 0.6 cm in center. The conference detail and the paper template for ICAC'10 are available on the CACSUK web site <http://www.cacsuk.org> . The first page of each paper should include the title of the paper, an abstract with no more than 200 words, up to 5 key words, author's name(s), complete mailing addresses, and email address for correspondence. Electronic form of submission, in Word, PostScript, or PDF, is acceptable and preferred. The presenter of each paper needs to be clearly indicated in the first page. All contributions along with TWO suggested topics listed above should be emailed to Xun Chen (x.chen@hud.ac.uk) or Zhijie Xu (z.xu@hud.ac.uk).

IMPORTANT DATES

Paper submission deadline----- 25 June 2010

Notification of acceptance----- 25 July 2010

Camera-ready copy due----- 5 August 2010

CONFERENCE FEE: £80.00 (Full registration), £40.00 (Student registration)