



Region 4



IBM



IEEE Embedded System Workshop

October 24, 2015, 8:30 a.m. to 5 p.m. (Saturday)

Dodge Hall – Room 201

Oakland University

Rochester, Michigan 48309

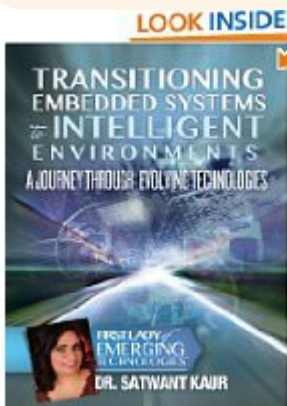
IEEE Region4, South East Michigan Computer Chapter, GLSPIN and Oakland University are offering a one-day (**free**) workshop on Embedded Systems on October 24, Saturday 2015. This is a **free** workshop open to all engineers, students and this is the eleventh year of this annual workshop.

The aim of this workshop is to disseminate knowledge, benefit the IEEE members and indirectly **improve the technology and Michigan economy**. Speakers and experts from the embedded systems industry will be making presentations, and will also be available for discussions and networking throughout the day (see page two for a tentative agenda). Please be sure to publicize this event in your organization for maximum participation in this workshop. In addition to presentations, there will be vendor display tables and recruitment tables. Use this opportunity to do networking with other engineers.

Please confirm your participation with Prof. Ganesan by **registering on the web:**

<http://meetings.vtools.ieee.org/m/35694> When responding, please indicate **your lunch preference: turkey, chicken or cheese sandwich**. For Technical questions, contact: **Prof. Subra Ganesan at: ganesan@oakland.edu** or by phone: 248 370 2206.

Register and attend for a chance to win multiple door prizes (Books/ Boards/T-shirts/Tablet)



Dr. Satwant Kaur, First Lady Of Emerging Technologies, will sign/autograph her June 2013 book “ Transitioning Embedded systems to Intelligent Environments” and sell at 60% discount \$20/- \$8. She will also raffle 6 copies of her books after her talk.

Certificate of Attendance will be available for participants who do preregistration and attend the full event. The Workshop event may be live broadcasted by **WebEx** (audio and power point) to other IEEE sections and Computer Chapters. It is not for individuals, but for IEEE groups.

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Sponsors: IEEE SEM CS and Oakland University

Co-Sponsors



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DRIVING EMBEDDED EXCELLENCE



Free one-day workshop. Register on the web: <http://meetings.vtools.ieee.org/m/28753>

2015 Agenda Tentative

1. Registration and Coffee 8:30- 8:50 AM
 2. Welcome by Dr. Subra Ganesan, IEEE SEM CS chapter Chair, 8:55 AM
 3. Inauguration by Dr. Louay Chamra, Oakland Univ., Dean SECS, Dr.Dan Aloï, Chair ECE,9:00: 9:10 AM
 4. Keynote speech "Challenges in Embedded Systems" by First Lady of Emerging Technologies "
Dr. Satwant Kaur, 9:10 – 9:50 AM
 5. "Writing Portable & Robust Firmware for Embedded Systems" Jacob Beningo, Beningo Engineering
9:50 to 10:30 pm
Break (Coffee) 10:30 to 10:55 a.m.
 6. "Automotive Technical Trends: Security, CAN FD, Ethernet" **Dave Robins, Intrepidcs** 10:55 to 11:25 am
 7. "Embedded system Application Innovation " Ron Felice, IBM 11:25 to 12:10 PM
- **Drawing for Door Prizes, ****
- Complimentary Boxed Lunch from all sponsors. Networking Session 12:10 to 12:45 p.m.**
Vendors' informal Job- career opening information
8. "Embedded Systems development-" David Merrill, Polarion, CA 12:45 – 1:30 pm
 9. "Real time analysis and Modeling Engine Control" Tobias Gutjahr, ETAS (?) 1:30 to 2: 15 pm.
Break (Coffee) 2:15 to 2:30 p.m.
 10. Embedded MCU device driver design in Component Based Systems"
Salvador Almanza-Garcia, Vector CANTech 2:30 to 3: 10 pm
 11. Will Tu, "Multi-Core ARM processors in Embedded systems" 3:10 to 4:00 pm
Break 4:00 to 4:10 p.m.

****Drawing for Door Prizes,**

12. Closing Remarks and Vote of Thanks:

OPEN to All. Direction to Oakland University: Take I 75 North, Take Exit 79 East. You will find the university within a mile. Parking is Free. Look for Dodge Hall Room 201. **Industry sponsors (tentative) Intrepidcs, Vector CANTech., ETAS, Polarion, IBM...** Vendors Tables with Demos, pamphlets, Job recruiting will be available. FREE Event. Free Lunch. Door prizes. All welcome. **Pre-registration is a must. Do post** this flyer in your office and inform your friends about this workshop. It is a great way to network with other professionals. **We need your help to make this event a success. Register on the web: <http://meetings.vtools.ieee.org/m/35694>**