



## 2013—Giffet Events

### DECEMBER

December 2013, Gorgadze, S.F., Drozdova, L.A., and Maksimova, D.Y., “Contrastive analysis and choice of measuring signals for high-efficient satellite radio navigation systems,” *T-Comm - Telecommun. and Transp. Mag.*, vol. 7, no. 10, pp. 44-47, 2013. This is Dr. @ilirprogri\_pb 179<sup>th</sup> recognition.

December 2013, Wang, G., Chong, M., Yang, T., and Han, C., “Double pseudo-satellite-aided inertial navigation new error correction method,” in *Proc. Fire Control and Command Control*, 2013. This is Dr. @ilirprogri\_pb 178<sup>th</sup> recognition.

December 22, 2013, Nadimi, E.S., Blanes-Vidal, V., and Johansen, P.M., “Bayesian-based localization in inhomogeneous transmission media,” in *Proc. 2013 Research in Adaptive and Convergent Systems (RACS '13)*, pp. 226-231, 2013. doi: 10.1145/2513228.2513291. This is Dr. @ilirprogri\_pb 177<sup>th</sup> recognition.

December 13, 2013, Grejner-Brzezinska, D., “Positioning and tracking approaches and technologies,” Book Chapter four on Karimi, H.A., *Advanced Location-Based Technologies and Services*. Taylor and Francies Group, CRC Press, 302 pg., 2013. This is Dr. @ilirprogri\_pb 176<sup>th</sup> recognition.

December 9, 2013, Shafiee, M., O’Keefe, K., and Lachapelle, G., “Symbol timing acquisition for collaborative OFDM WLAN-based A-GPS,” *Inter. J. Wireless Inform. Networks*, vol. 20, no. 4, pp. 281-293, Dec. 2013, doi: 10.1007/s10776-013-0214-8. This is Dr.@ilirprogri\_pb 175<sup>th</sup> recognition!

### NOVEMBER

November 30, 2013, Zeng, X., Li, W., and Ma, Y. “Directional-transmission-based solution for hidden and exposed terminal problems in inter-vehicular network,” in *Proc. 3rd Inter. Conf. Cons. Elect., Commun. Net. (CECNet)*, pp. 289-292, Nov. 2013, [URL: [http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6703328&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs\\_all.jsp%3Farnumber%3D6703328](http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6703328&url=http%3A%2F%2Fieeexplore.ieee.org%2Fxppls%2Fabs_all.jsp%3Farnumber%3D6703328)]. This is Dr. @ilirprogri\_pb 174<sup>th</sup> recognition.

November 13, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) La Forno Resturant 65 West Boylston Street West Boylston, MA 01583 508-835-3700. Menu included: Menu: Pizza and soft drinks. At this meeting Dr. @ilirprogri reported on the administrative meeting of the @ComSoc chapter of the @IEEEorg WCS one upcoming technical meetings in November 2013, his work towards the preparing for a bid for a @ComSoc conference in the New England (preferably in the Worcester County) area and the upcoming senior member elevation clinic.

November 12, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous Real-Time Simulation and Testing Case Study – Brushless Electric Motor Control @MATLAB



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Burlington Marriot, One Burlington Mall Road, Burlington, MA 01803, 8:00 AM – 12:00 AM US/Eastern from The @ComSoc chapter of the @IEEEorg Worcester County Section (WCS) as a partner of MathWorks @MATLAB featuring leading industry experts. Details of the seminar can be obtained from

[[http://www.giffet.com/Giffet\\_Partnership\\_Nonprofit\\_files/2013/20131112\\_WCS\\_Real-Time\\_Simulation\\_Testing\\_Case\\_Study\\_Announcement.pdf](http://www.giffet.com/Giffet_Partnership_Nonprofit_files/2013/20131112_WCS_Real-Time_Simulation_Testing_Case_Study_Announcement.pdf)]. This was a fabulous opportunity to learn from @MATLAB experts about design challenges. There were about fifty people twenty-five of them @IEEEorg members. I don't know how many from @ComSoc.

### OCTOBER

*October 9, 2013*, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) La Forno Resturant 65 West Boylston Street West Boylston, MA 01583 508-835-3700. Menus included: Menu: Pizza and soft drinks. At this meeting Dr. @ilirprogri reported on the administrative meeting of the @ComSoc chapter of the @IEEEorg WCS one upcoming technical meetings in October 2013, and his work towards the preparing for a bid for a @ComSoc conference in the New England (preferably in the Worcester County) area.

*October 3, 2013*, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous Developing Measurement and Analysis Systems 2013 Joint Seminar @MATLAB Westford Regency, 219 Littleton Road, Westford, MA 01886, 8:00 AM – 11:45 AM US/Eastern from The @ComSoc chapter of the @IEEEorg Worcester County Section (WCS) as a partner of MathWorks @MATLAB Graphics featuring leading industry experts. Details of the seminar can be obtained from

[[http://www.giffet.com/Giffet\\_Partnership\\_Nonprofit\\_files/2013/20131003\\_WCS\\_Developing\\_Measurement\\_and\\_Analysis\\_Systems\\_Announcement.pdf](http://www.giffet.com/Giffet_Partnership_Nonprofit_files/2013/20131003_WCS_Developing_Measurement_and_Analysis_Systems_Announcement.pdf)]. This was a fabulous opportunity to learn from @MATLAB experts about design challenges. There were about eighty people thirty of them @IEEEorg members. I don't know how many from @ComSoc.

### SEPTEMBER

*September 24, 2013*, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous Mentor PCB Forum Seminar Boston Marriott Burlington Westford Regency, 219 Littleton Road, Westford, MA 01886, 8:45am - 4:00pm US/Eastern from Mentor Graphics of the @IEEEorg Worcester County Section (WCS) @ComSoc chapter as a partner of Mentor Graphics featuring leading industry experts. Details of the seminar can be obtained from [[http://www.giffet.com/Giffet\\_Partnership\\_Nonprofit\\_files/2013/20130924\\_WCS\\_ComSoc\\_Chapter\\_Mentor\\_PCB\\_Forum\\_Announcement.pdf](http://www.giffet.com/Giffet_Partnership_Nonprofit_files/2013/20130924_WCS_ComSoc_Chapter_Mentor_PCB_Forum_Announcement.pdf)]. This was a fabulous opportunity to learn from @MentorPCB experts about design challenges: (1) There were about 50 people 15 of them @IEEEorg members. I don't know how many from @ComSoc; (2) @MentorPCB subscribe to <http://www.youtube.com/MentorGraphicsPCB> to

[www.giffet.com](http://www.giffet.com)



<http://www.youtube.com/ifprogri> ! (3) @MentorPCB fabulous update on the latest PCB version 7.9.5. (4) New FPGA materials on <http://support.net> . (5) @MentorPCB Outstanding presentation on Hyperlinx 9.0 & DRC on simulation and analysis. (6) @MentorPCB the winners on 25th annual technical leadership awards competition included @fujitv @Qualcomm @Emerson\_News @Alcatel\_Lucent @Selex\_ES! (7) @MentorPCB they would love to repeat this seminar next year with improved agenda.

*September 12, 2013, Shafiee, M., "WiFi-based fine timing assistance for GPS acquisition," Ph.D. Dissertation, Department of Geomatics Engineering, University of Calgary, Calgary, Canada, 195 pg., Sep. 2013 [(17<sup>th</sup> Ph.D. Dissertation that has recognized one of*

*Dr.@ilirprogri\_pb's publications!)* URL: <http://plan.geomatics.ucalgary.ca/papers/20386-m%20shafiee%20phd%20thesis-sep2013.pdf>]. *This is Dr. @ilirprogri\_pb 173<sup>rd</sup> recognition.*

*September 10, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) La Forno Resturant 65 West Boylston Street West Boylston, MA 01583 508-835-3700. Menu included: Menu: Pizza and soft drinks. At this meeting Dr. @ilirprogri reported on the administrative meeting of the @ComSoc chapter of the @IEEEorg WCS on August 13th 2013, \$600.00 funding that was received through @ComSoc headquarters, two upcoming technical meetings in September and October 2013, and his work towards the preparing for a bid for a @ComSoc conference in the New England (preferably in the Worcester County) area.*

### AUGUST

*August 14, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) ExCom Date Imperial Buffet 380 Maple Avenue Shrewsbury, MA 01545 508-890-8889. Menu included: Menu: All-You-Can-Eat Asian Buffet (everything from soup to desert) and soft drinks. At this meeting Dr. @ilirprogri reported on the administrative meeting of the @ComSoc chapter of the @IEEEorg WCS on August 13th 2013, \$600.00 funding that was received through @ComSoc headquarters, and two upcoming technical meetings in September and October 2013.*

*August 13, 2013 the Executive Committee (ExCom) of the Communication Society (ComSoc) chapter of the IEEE Worcester County Section (WCS) held its second meeting Place: Tweeds, 229 Grove St. (Rt. 9), Worcester, MA 01609, 508-755-8047. (Refreshments (food and soft drinks) were provided. eNotice was sent on June 14, 2013. At this meeting Dr. Progrid reported on: (1) Provide guidance, guidelines, and training materials to the officers of the ComSoc Chapter (Position of the Vice-chair, Secretary, and Treasurer are open!) (2) Our chapter sites on Facebook, Twitter, and LinkedIn are now IEEE official social media registered sites [http://www.ieee.org/about/social\\_media/index.html](http://www.ieee.org/about/social_media/index.html). Please like us on Facebook and follow us on Twitter and join us on LinkedIn! Discuss the short (2014 events) and long term agenda of officers for more activities on Facebook. Twitter, and LinkedIn, and new page on YouTube. (3) Plan for an invited speaker and dinner at Tweeds in the spring*



2014. Talk about setting up a small conference. (4) Please Vote by July 26, 2013 for ComSoc [https://eballot3.votenet.com/IEEE\\_SE](https://eballot3.votenet.com/IEEE_SE). Please check the candidates: [http://www.comsoc.org/about/bog/election/current?WT.ac=image\\_link\\_election](http://www.comsoc.org/about/bog/election/current?WT.ac=image_link_election). Please Vote for young members. Mehmet Ulema who is running for the position of the VP of Technical Activities; Nelson Fonseca who is running for the position of the VP of Publications and Ashutosh Dutta who is running for Members-at-Large have asked for our support. (5) Please register for two upcoming MATLAB webinars: on Tuesday, June 18, 2013 Modeling, Simulation, and Flight Control Design of an Aircraft with Simulink [[https://www.mathworks.com/company/events/webinars/wbnr77165.html?s\\_v1=54406437\\_1-BT7V0X](https://www.mathworks.com/company/events/webinars/wbnr77165.html?s_v1=54406437_1-BT7V0X)] and on Thursday, June 20, 2013 Production Code Generation with Simulink and Embedded Coder [[https://www.mathworks.com/company/events/webinars/wbnr55522.html?s\\_v1=54406437\\_1-BT7V0X](https://www.mathworks.com/company/events/webinars/wbnr55522.html?s_v1=54406437_1-BT7V0X)] (6) Please register for the meeting using VTools so as to get a count on the number of people who have registered [[https://meetings.vtools.ieee.org/meeting\\_view/list\\_meeting/20411](https://meetings.vtools.ieee.org/meeting_view/list_meeting/20411)]. Need an IEEE valid web-account to do that! Next meeting will be on September 24, 2013. eNotice will be sent in August 2013.

### JULY

July 5, 2013, Jin, T., and Ren, J.-X., "Stability analysis of GPS carrier tracking loops by phase margin approach," *GPS Solutions*, vol. 17, no. 3, pp. 423-431, July 2013, DOI: 10.1007/s10291-012-0290-8 [URL: <http://link.springer.com/article/10.1007/s10291-012-0290-8/>]. *This is Dr. @ilirprogri\_pb 172<sup>nd</sup> recognition.*

### JUNE

June 22, 2013, Aggarwal, A., Naguib, A.F., Das, S.M., Sridhara, V., "Method and apparatus for peer-assisted localization," - US Patent **8,457,657**, Jun. 4, 2013. (6<sup>th</sup> US Patent, 7<sup>th</sup> International Patent). *This is Dr. @ilirprogri\_pb 171<sup>st</sup> recognition.*

June 24, 2013, Dutta, S.C., Singh, S., and Singh, D.K., "On secure full duplex communication in mobile ad hoc network," *ICTACT J. on Commun. Tech.*, vol. 4, no. 2, pp. 731-736, June 2013, [URL: [http://ictactjournals.in/paper/IJCTV4I2Paper\\_4\\_731to736.pdf](http://ictactjournals.in/paper/IJCTV4I2Paper_4_731to736.pdf)]. *This is Dr. @ilirprogri\_pb 170<sup>th</sup> recognition.*

June 22, 2013, Dr. @ilirprogri, @GiffetInc Chairman, CEO, and President, attended the IEEE Worcester County Section(WCS)'s PACE Member Development and Networking Picnic will be held at the Westville Lake Recreational Area in Southbridge, MA on Saturday, between 12:00pm and 6pm, which included: (1) an enjoyable afternoon summer picnic while networking with fellow Worcester section members; (2) a great opportunity to make new friends, develop new contacts, learn about new opportunities, go for a hike, and get some fresh air and exercise or just kick back and relax! There was a short executive committee





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meeting (approx 15 min) at the picnic to discuss future meetings and to go over the upcoming IEEE USA meeting and Region 1 meeting.

### MAY

May 21, 2013, Yi, T.-H., Li, H.-N., and Gu, M., "Recent research and applications of GPS-based monitoring technology for high-rise structures," *Struct. Control Health Monit.*, vol. 20, no. 5, pp. 649-670, May 2013, doi: 10.1002/stc.1501. *This is Dr. @ilirprogri\_pb 169<sup>th</sup> recognition.*

May 21, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous 2013 Injecting Automation into FPGA Verification Seminar Boston Marriott Burlington 1 Burlington Mall Rd Burlington, MA 01803, 8:30am - 3:00pm US/Eastern from Mentor Graphics of the @IEEEorg Worcester County Section (WCS) @ComSoc chapter as a partner of Mentor Graphics featuring leading industry experts. Details of the seminar can be obtained from

[[http://www.giffet.com/Giffet\\_Partnership\\_Nonprofit\\_files/2013/20130521\\_WCS\\_ComSoc\\_Chapter\\_IA\\_FPGA\\_V\\_Announcement.pdf](http://www.giffet.com/Giffet_Partnership_Nonprofit_files/2013/20130521_WCS_ComSoc_Chapter_IA_FPGA_V_Announcement.pdf)].

May 8, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous Annual Awards Dinner for Member Elevation of the IEEE Worcester County Section (WCS) Tweeds Resturant 231 Grove Street Worcester, MA 01605 508-755-8047 from 6:00 PM until 9:00 PM. Menu: Baked Haddock, Baked Stuffed Chicken, Montreal Sirloin Tips, or Vegetarian. At this meeting newly elevates senior members were recognized.

### APRIL

April 25, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous 2013 Design Conference at Westford Regency 219 Littleton Road, Westford, MA 01886 from @Agilent of the @IEEEorg Worcester County Section (WCS) @ComSoc chapter as a partner of @Analog Devices and Xilinx, @MATLAB MathWorks featuring leading industry experts presenting complete, signal chain, and system-ready solutions for your most complex design challenges. Details of the seminar can be obtained from

[[http://www.giffet.com/Giffet\\_Partnership\\_Nonprofit\\_files/2013/20130425\\_WCS\\_ComSoc\\_Chapter\\_Design\\_Conference\\_2013\\_Announcement.pdf](http://www.giffet.com/Giffet_Partnership_Nonprofit_files/2013/20130425_WCS_ComSoc_Chapter_Design_Conference_2013_Announcement.pdf)].

April 12, 2013, Schafrik, S.J., "Evaluation and simulation of wireless communication and tracking in underground mining applications," *Ph.D. Dissertation*, Virginia Polytechnic Institute and State University, VA, 105 pg, Apr. 2013 [(16<sup>th</sup> *Ph.D. Dissertation* that has recognized one of Dr.@ilirprogri\_pb's publications!) URL:

[http://vtechworks.lib.vt.edu/bitstream/handle/10919/19365/Schafrik\\_SJ\\_D\\_2013.pdf](http://vtechworks.lib.vt.edu/bitstream/handle/10919/19365/Schafrik_SJ_D_2013.pdf)]. *This is Dr. @ilirprogri\_pb 168<sup>th</sup> recognition.*

April 10, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) ExCom Celtic Tavern, 45 Belmont Street (Route 9), Northboro, MA 01532, 508-366-6277. Menus included: Pizza and soft drinks. At this meeting Dr. @ilirprogri reported on the results for the 6<sup>th</sup> Senior Member Elevation Clinic at

[www.giffet.com](http://www.giffet.com)



## 2013—Gifftet Events

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the Imperial Buffet in Shrewsbury, MA in February and March 2013. He also reported on A+ Seminar Series-TestEquity 2013 with Agilent Technologies on April 9, 2013 and upcoming @Analog Design Conference 2013 virtual conference with the @ComSoc chapter of the @IEEEorg WCS on April 25th 2013.

*April 9, 2013*, Dr. @ilirprogri, @GifftetInc President and CEO, attended a fabulous seminar A+ Seminar Series-TestEquity at Best Western Royal Plaza Hotel and Trade Center 181 Boston Post Road West Marlborough, MA 01752 from @Agilent of the @IEEEorg Worcester County Section (WCS) @ComSoc chapter. Details of the seminar can be obtained from [[http://www.gifftet.com/Gifftet\\_Partnership\\_Nonprofit\\_files/2013/20130409\\_WCS\\_ComSoc\\_Chapter\\_A+\\_Seminar\\_Series-TestEquity\\_Announcement.pdf](http://www.gifftet.com/Gifftet_Partnership_Nonprofit_files/2013/20130409_WCS_ComSoc_Chapter_A+_Seminar_Series-TestEquity_Announcement.pdf)].

### MARCH

*March 20, 2013*, Dr. @ilirprogri, Gifftet Inc. Chairman, CEO, and President and the @IEEEorg @ComSoc chapter of the WCS attended a fabulous virtual conference organized by the MathWorks from 12:00 noon until 5:00 PM. The MATLAB Virtual Conference 2013 was opened by: 1. Keynote Speaker, Jim Tung, MathWorks Fellow, on Embracing Complexity . 2. Discover MATLAB and Simulink 3. Find Out What's New? 4. See What Industry Experts Are Doing? 5. Explore MATLAB and Simulink in Academia. @GifftetInc and the MathWorks have build a great relationship through the Springer book program.

*March 13, 2013*, Dr. @ilirprogri, Gifftet Inc. Chairman, CEO, and President attended a fabulous meeting of the IEEE Worcester County Section (WCS) ExCom at the Imperial Buffet, 380 Maple Avenue, Shrewsbury, MA 01545, 508-890-8889. Menus included: All-You-Can-Eat Asian Buffet (everything from soup to desert) Imperial Buffet is located in Shrewsbury in the Shopping Center at the intersection of Route 9 (Boston Turnpike) and Maple Avenue. At this meeting Dr. @ilirprogri led a fabulous Senior Member elevation clinic which was well attended from Senior Member candidates. He also reported on the first technical meeting (MATLAB Virtual Conference) of the @IEEEorg @ComSoc chapter of the @IEEEorg WCS on March 20, 2013. He also said that photos of the senior member clinic were posted on the Facebook, Twitter, and LinkedIn pages of the of the @IEEEorg @ComSoc chapter of the @IEEEorg WCS.

### FEBRUARY

*February 13, 2013*, Dr. @ilirprogri, Gifftet Inc. Chairman, CEO, and President attended a fabulous meeting of the IEEE Worcester County Section (WCS) ExCom at the Imperial Buffet, 380 Maple Avenue, Shrewsbury, MA 01545, 508-890-8889. Menus included: All-You-Can-Eat Asian Buffet (everything from soup to desert) Imperial Buffet is located in Shrewsbury in the Shopping Center at the intersection of Route 9 (Boston Turnpike) and Maple Avenue. At this meeting Dr. @ilirprogri was present with his mother and led a fabulous Senior Member elevation clinic which was well attended from Senior Member candidates. He also reported on the first technical meeting (MATLAB Virtual Conference) of

[www.gifftet.com](http://www.gifftet.com)



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the @IEEEorg @ComSoc chapter of the @IEEEorg WCS on March 20, 2013. He also said that photos of the senior member clinic will be posted on the Facebook, twitter, and LinkedIn pages of the of the @IEEEorg @ComSoc chapter of the @IEEEorg WCS.

### JANUARY

*January 9, 2013, Dr. @ilirprogri, @GiffetInc President and CEO, attended a fabulous meeting of the IEEE Worcester County Section (WCS) ExCom Celtic Tavern, 45 Belmont Street (Route 9), Northboro, MA 01532, 508-366-6277. Menus included: Pizza and soft drinks. At this meeting Dr. @ilirprogri reported on the efforts for the 6<sup>th</sup> Senior Member Elevation Clinic at the Imperial Buffet in Shrewsbury, MA in February and March 2013. He also reported on upcoming @MATLAB virtual conference with the @ComSoc chapter of the @IEEEorg WCS on March 20th 2013.*