



2012—Giffet Top Story

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DECEMBER

December 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President completed 205% of chapter 8 of his second pioneer publication on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. As of December 28, 2012 this chapter contains 349 pages with about 684 references and 69 figures. The first completed draft of chapter 8 is expected to be completed by the end of February 2013. The manuscript of this pioneer publication is expected to be completed by the end of Summer 2013.

NOVEMBER

November 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President completed 185% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. As of November 30, 2012 this chapter contains 315 pages with about 640 references and 66 figures. The first completed draft of chapter 8 is expected to be completed by the end of December 2012. The manuscript of this pioneer work is expected to be completed by the end of Spring or early Summer 2013.

November 13, 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President gave @GiffetInc outstanding tutorial at the 2012 IEEE Conference for Technologies for Homeland Security at the Weston, Waltham, MA! The tutorial was well attended and well received!

Progri, I., *Geolocation of RF Signals—Principles and Simulations*, Tutorial IEEE HST'12, Waltham, MA, Nov. 2012, <http://ieee-hst.org/>.

November 13-15, 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President attended various outstanding technical and business tracks presentation at the 2012 IEEE Conference for Technologies for Homeland Security at the Weston, Waltham, MA!

OCTOBER

October 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President completed 155% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. As of October 26, 2012 this chapter contains 275 pages with about 600 references and 56 figures. The first completed draft of chapter 8 is expected to be completed by the end of November 2012. The manuscript of this pioneer work is expected to be completed by the end of Spring or early Summer 2013.

October 18, 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President attended a MATLAB seminar on Developing Measurement and Analysis Systems 2012 Joint Seminar MATLAB at Westford, MA - Westford Regency Inn & Conference Center 219 Littleton Road Westford, MA from 8:30 AM to 12:00 PM, [URL:

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<http://agilentevents.distributetech.ca/registration.asp?seminarid=397>]. The seminar was well attended by 74 professionals. This seminar was also announced by the @IEEEOrg @ComSoc chapter of the @IEEEorg WCS Section. This seminar was a joint effort of the MathWorks and Agilent Technologies and thus it included two well rounded presentations: one from the MathWorks and another from the Agilent Technologies. The MathWorks presentation focused on new features of the latest release of the MATLAB 2012b. The Agilent Technology movements focused on how to interaction between Agilent signal analyzers and MATLAB.

October 10, 2012, Proгри, I., "Position location and navigation symposium — PLANS 2012, (conf. report)" *IEEE Sys. Mag.*, vol. 27, no. 8, pp. 27-30, Aug. 2012. (2nd IEEE Trans./Mag.)

SEPTEMBER

September 2012, Dr. @ilirproгри, @GiffetInc Charmain, CEO, and President completed 140% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. The first completed draft of chapter 8 is expected to be completed by the end of October 2012. The manuscript of this pioneer work is expected to be completed by the end of Spring 2013.

September 17, 2012, Accepted for presentation! Proгри, I., *Geolocation of RF Signals — Principles and Simulations*, Tutorial IEEE HST'12, Waltham, MA, Nov 2012 <http://ieee-hst.org/>.

September 14, 2012, Chen, L., Wang, G.H., Jia, S.Y., and Proгри, I., "Attitude bias conversion model for mobile radar error registration," *The Journal of Navigation*, vol. 65, no. 4, pp. 651-670, Oct. 2012, doi:10.1017/S0373463312000239. [Online: <http://journals.cambridge.org/action/displayAbstract?fromPage=online&aid=8691123>]

AUGUST

August 2012, Dr. @ilirproгри, @GiffetInc Charmain, CEO, and President completed 120% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. The first completed draft of chapter 8 is expected to be completed by the end of October 2012. The manuscript of this pioneer work is expected to be completed by the end of Spring 2013.

August 14 2012, Dr. @ilirproгри, also completed the last technical editorial decisions for the IEEE Systems Magazine as he completed his 4-year term as an Editor and Associate Editor of the IEEE Systems Magazine.

JULY

July 25, 2012, Dr. @ilirproгри attended the June Teleconference of the Editorial Board of the IEEE Systems Magazine from 12:00 noon until 1:00 PM. At this teleconference Dr. @ilirproгри

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reported that he is also working on producing one manuscript for the IEEE T-AES by the end of fall 2012.

July 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President completed 95% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. The first completed draft of chapter 8 is expected to be completed by the end of August 2012. The manuscript of this pioneer work is expected to be completed by the end of winter 2012.

July 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

July 16, 2012, @GiffetInc., held its 12th Board of Directors meeting.

Authorized @GiffetInc. President and CEO to make and show progress in development of the Capital Planning and Investment Control (CPIC) by January 2013 and reflect that on the @GiffetInc. authorized Business Plan part A and B.

Authorized @GiffetInc President and CEO to continue developing @GiffetInc infrastructure as outlined in the @GiffetInc. business plan.

JUNE

June 27, 2012, Dr. @ilirprogri attended the June Teleconference of the Editorial Board of the IEEE Systems Magazine from 12:00 noon until 1:00 PM. At this teleconference Dr. @ilirprogri reported his article on IEEE/ION PLANS 2012 conference report is already been accepted for publications with the IEEE Systems Magazine. He is working on having one or two presenters submit an article for the IEEE Systems Magazine. He will also make a nomination for the IEEE AESS HARRY ROWE MIMNO AWARD for an article published in 2011 with the IEEE Systems Magazine and submit his nomination to Teresa Pace, IEEE Systems Magazine Editor in Chief (EIC). He is also working on producing one manuscript for the IEEE T-AES by the end of summer 2012.

June 2012, Dr. @ilirprogri, @GiffetInc Charmain, CEO, and President completed 75% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. The first completed draft of chapter 8 is expected to be completed by the end of July 2012. The manuscript of this pioneer work is expected to be completed by the end of fall 2012.

June 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

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MAY

May 2012, Dr. @ilirprogri, @GiffetInc, Charmain, CEO, and President completed 50% of chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. 75% of the first draft of chapter 8 is expected to be completed by the end of June 2012. The manuscript of this pioneer work is expected to be completed by the end of fall 2012.

May 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

APRIL

April 26, 2012, while at the IEEE/ION PLANS 2012 Session B5: Modernized GNSS Date: Thursday, April 26, 2012 Time: 8:30 a.m. - 12:00 p.m. Room: Oleander B chaired by Dr. Andre Hauschild German Aerospace Center (DLR), Germany Dr. Thomas D. Powell The Aerospace Corporation

[<http://www.plansconference.org/session.cfm?meetingID=36&t=B&s=5>]. At this session Dr. @ilirprogri, @GiffetInc, Charmain, CEO, and President gave a fabulous presentation on “On Generalized Multidimensional Geolocation Modulation Waveforms”

[<http://www.plansconference.org/abstract.cfm?meetingID=36&pid=16&t=B&s=5>]. The paper with the same title will appear on IEEE/ION PLANS 2012 proceedings.

April 24-26, 2012, Dr. @ilirprogri, @GiffetInc Chairman, CEO, and President attended the IEEE/ION PLANS 2012 [<http://www.plansconference.org/>]and whose details will be included in a conference report. At this meeting Dr. @ilirprogri attended various technical sessions [<http://www.plansconference.org/plans2012program.cfm>], social events including a dinner with the AESS Board of Governors, and IEEE/ION PLAS Awards luncheon on April 26, 2012 [<http://www.plansconference.org/awards.cfm>].

April 2012, Dr. @ilirprogri, @GiffetInc Chairman, CEO, and President started working on chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. 50% of the first draft of chapter 8 is expected to be completed by the end of May 2012. The manuscript of this pioneer work is expected to be completed by the end of summer or early fall 2012.

April 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

MARCH

March 2012, Dr. @ilirprogri's, @GiffetInc Chairman, CEO, and President, started working on chapter 8 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 8 is dedicated to propagation channel models. 25% of the first draft of chapter 8 is

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expected to be completed by the end of April 2012. The manuscript of this pioneer work is expected to be completed by the end of summer or early fall 2012.

March 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

March 29, 2012, Dr. @ilirprogri's, @GiffetInc Chairman, CEO, and President,, attended a fabulous seminar on Implementing Measurement and Analysis Techniques using MATLAB at the MathWorks Headquarters, 3 Apple Hill Drive Natick, MA 01760. This was an outstanding opportunity to interact with the MathWorks technical and sales rep. and Tektronix technical staff. After this seminar @GiffetInc twitted Giffet Inc "@MATLAB thank you for the seminar and the demo from @tektronix at Natick. Looking forward to expanding our collaboration. via @GiffetInc.

March 28, 2012, Dr. @ilirprogri attended the March Teleconference of the Editorial Board of the IEEE Systems Magazine from 1:00 PM until 2:00 PM. At this teleconference Dr. @ilirprogri reported that he has written an editorial on what it takes writing a good magazine article. Teresa will review it. Dr. @ilirprogri will be going to IEEE/ION PLANS 2012 and he wants to write a conference report. He will also look for conference papers, reviewers and collaborators. At the same date Dr. @ilirprogri also attended the MathWorks virtual conference for more information please visit [https://meetings.vtools.ieee.org/meeting_view/list_meeting/11449]

FEBRUARY

February 2012, Dr. @ilirprogri's, @GiffetInc President and CEO, completed the final draft of chapter 7 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 7 is the biggest and most significant, original, and perhaps the largest chapter of this entire pioneer work. Chapter 7 is the most competed discussion on below the L-, S-, C-, X-bands signal design of indoor geolocation systems. First draft of chapter 8 is expected to be completed by the end of April 2012. The manuscript of this pioneer work is expected to be completed by the end of summer or early fall 2012.

February 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

February 22, 2012, Dr. @ilirprogri attended the February Teleconference of the Editorial Board of the IEEE Systems Magazine from 12:00 AM until 1:30 PM. At this teleconference Dr. @ilirprogri reported that he has written an editorial on what it takes writing a good magazine article. Teresa will review it. Dr. @ilirprogri will be going to PLANS and he wants to write a conference report. He will also look for conference papers, reviewers and collaborators.

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February 20, 2012, **Giffet Inc** @GiffetInc, 2012 GIFTET® STRATEGIC PLAN

http://www.giffet.com/Giffet_Personnel_files/Giffet_Legal_Documents/2012_Giffet_Strategic_Plan.pdf and 2012 GIFTET® PRESIDENT'S ADDRESS from @GiffetInc http://www.giffet.com/Giffet_Personnel_files/Giffet_Legal_Documents/2012_Giffet_President_s_Address.pdf via @ilirprogri This is an improved @GiffetInc Strategic Plan and President Address.

February 7, 2012, Dr. @ilirprogri, @GiffetInc President and CEO attended a fabulous seminar from the MathWorks @MATLAB <https://twitter.com/#!/MATLAB> at 9:00 AM - 12:30 PM, Boston Marriott Newton. This was an outstanding opportunity to learn about how to make GUI MATLAB software and learn about various 3-D plotting techniques and MATLAB interface with Excel.

JANUARY

January 25, 2012, Dr. @ilirprogri attended the January Teleconference of the Editorial Board of the IEEE Systems Magazine from 12:00 AM until 1:30 PM. At this teleconference Dr. @ilirprogri reported that he will write an editorial on what it takes writing a good magazine article. Dr. @ilirprogri's short article for Dr. Ram Gupta's Award has been approved and appeared on the IEEE AESS website. Dr. @ilirprogri will be going to PLANS and he wants to write a conference report. He will also look for conference papers, reviewers and collaborators.

January 2012, Dr. @ilirprogri's, @GiffetInc President and CEO, completed the first draft of chapter 7 of his second pioneer work on *Indoor Geolocation Systems: Theory and Applications*. Chapter 7 is the biggest and most significant, original, and perhaps the largest chapter of this entire pioneer work. Chapter 7 is the most completed discussion on below the L-, S-, C-, X-bands signal design of indoor geolocation systems. Final draft of chapter 7 is expected to be completed by the end of February 2012. The manuscript of this pioneer work is expected to be completed by the end of summer or early fall 2012.

January 2012, Dr. @ilirprogri, also completed various technical editorial decisions for the IEEE Systems Magazine.

January 16, 2012, @GiffetInc., held its 11th Board of Directors meeting.

Authorized @GiffetInc. President and CEO to make and show progress in development of the Capital Planning and Investment Control (CPIC) by July 2012 and reflect that on the @GiffetInc. authorized Business Plan part A and B.

Authorized @GiffetInc President and CEO to continue developing @GiffetInc infrastructure as outlined in the @GiffetInc. business plan.

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