

Prof. Dr. Levent Sevgi (IEEE M99, SM02, F09)



Born in Akhisar / Turkey on 1st January 1958.

He received his BsEE, MsEE and PhD degrees in Electronic Engineering from Istanbul Technical University (ITU) in 1982, 1984 and 1990, respectively. In 1987, while working on his PhD, he was awarded a fellowship that allowed him to work with Prof. L. B. Felsen at Weber Research Institute / New York Polytechnic University York for two years. His work at the Polytechnic concerned the propagation phenomena in non-homogeneous open and closed waveguides.

He was with Istanbul Technical University (1991–1998), TUBITAK-MRC, Information Technologies Research Institute (1999–2000), Weber Research Institute/Polytechnic University in New York / USA (1988–1990), Scientific Research Group of Raytheon Systems, Canada (1998 – 1999), Center for Defense Studies, ITUV-SAM (1993 –1998 and 2000–2002) and with University of Massachusetts, Lowell (UML) MA/USA as a full-time faculty (2012 – 2013) and with Doğuş University (2001-2014). Since Sep 2014, he has been with Okan University.

He has been involved with complex electromagnetic problems and complex communication and radar systems for nearly three decades. His research study has focused on propagation in complex environments, analytical and numerical methods in electromagnetic, EMC/EMI modeling and measurement, communication, radar and integrated surveillance systems, surface wave HF radars, FDTD, TLM, FEM, SSPE, and MoM techniques and their applications, RCS modeling, bio-electromagnetics. He is also interested in novel approaches in engineering education, teaching electromagnetics via virtual tools. He also teaches popular science lectures such as Science, Technology and Society.

He is a Fellow member of the IEEE, an AdCom member of the IEEE Antennas and Propagation Society (2013-2015), the writer/editor of the “Testing ourselves” Column in the IEEE Antennas and Propagation Magazine (since Feb 2007) and a member of the IEEE Antennas and Propagation Society Education Committee (since Jun 2006). He is also a member of several editorial boards (EB), such as the IEEE Antennas and Propagation Magazine (since 2007), the IEEE Access (2017-2019), Wiley’s International Journal of RFMiCAE (since 2002), etc.

He has published many books/book chapters in English and Turkish, over 170 journal/magazine papers/tutorials and attended nearly 100 international conferences/symposiums.

His three books "Complex Electromagnetic Problems and Numerical Simulation Approaches", "Electromagnetic Modeling and Simulation" and "Radiowave Propagation and Parabolic Equation Modeling" were published by the IEEE Press - Wiley in 2003, 2014, and 2017, respectively. His fourth book, "A Practical Guide to EMC Engineering" was published by ARTECH House (Norwood/MA, USA and London, UK) in Sep 2017.

Contact Info

Prof. Dr. Levent Sevgi

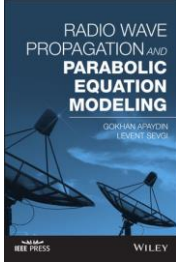
Flora Evleri, 4C, Yenişehir Mah. Baraj yolu Cad. No: 46

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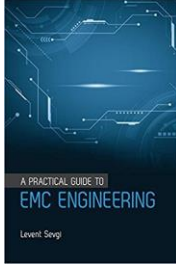
web: <http://leventsevgi.net>

IEEE PRESS – Wiley & Artech House Books:



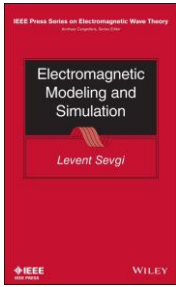
Radiowave Propagation and Parabolic Equation Modeling

G. Apaydin, L. Sevgi
IEEE Press – John Wiley, NJ
ISBN: 978-1-119-43211-1
September 2017



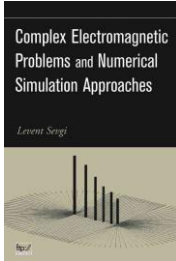
A Practical Guide to EMC Engineering

L. Sevgi
ARTECH House, Norwood, MA
ISBN 13: 978-1-63081-383-3
March 2017



Electromagnetic Modeling and Simulation

L. Sevgi
IEEE Press – John Wiley (EM Wave Series), NJ
ISBN No: 978-1-1187-1618-2
April 2014



Complex Electromagnetic Problems & Numerical Simulation Approaches

L. Sevgi
IEEE Press – John Wiley, NJ
ISBN No: 0-471-43062-5
April 2003

Other Books:

- **Deregulated Electricity Market Issues in South-Eastern Europe**
L. Sevgi, Ed., Dogus Publications, ISBN No: 978-9944-5789-1-2, Sep 2007
- **Engineering Electromagnetics: Applications, Rajeev Bansal (ed.)**
(Chapter 1: Radars, L. Sevgi Taylor & Francis, ISBN No:0-8493-7363-8, NY, Apr 2006)
- **Handbook of Engineering Electromagnetics, Rajeev Bansal (ed.)**
(Chapter 10: Radars, L. Sevgi, Marcel Dekker, USA, Aug. 2004 (ISBN: 0-8247-5628-2))
- **Complex Computing-Networks: Brain-like and Wave-oriented Electrodynamical Algorithms C.**
Gökner, L. Sevgi (ed.), Springer Proceedings in Physics, V. 104, 2006, ISBN: 3-540-30635-8

(in Turkish)

- **Tasarımdan Piyasaya Elektromanyetik Uyumluluk**
L. Sevgi, OKAN Üniversitesi Yayınları, ISBN 978-605-5899-32-5, Mart 2015
- **Ne Bilim Yahu**
L. Sevgi, Doğu Üniversitesi Yayınları, 5, ISBN: 9789944578943, 2012
- **Ne Bilim Yahu**
L. Sevgi, Eksen Yayıncılık, ISBN No: 9944-5089-1-8, Temmuz 2006
- **Geniş Bantlı Filtre Tasarımı**
G. Çakır, S. Gündüz, L. Sevgi, Eksen Yayıncılık, 2006
- **Tasarımdan Üretime Elektromanyetik Uyumluluk**

L. Sevgi, Eksen Yayıncılık, ISBN No: 9944-5089-0-X, Haziran 2006

- **Elektromanyetik Uyumluluk – Elektromanyetik Kirlilik**
Elektrik Mühendisleri Odası (EMO) ISBN No: 975-395-396-8, Aralık 2000
- **Elektromanyetik Problemler ve Sayısal Teknikler**
Birsen Yayıncılık, ISBN No: 975-511-223-5, Eylül 1999

Chaired / Organized Conference/Symposium

- **EMC Türkiye 2017, The Fourth International Electromagnetic Compatibility Conference**, September 24-27, 2017, METU, Middle East Technical University, Ankara, Turkey
- **EMC Türkiye 2015, The Third International Electromagnetic Compatibility Conference**, September 2-4, 2015, IŞIK University, Maslak - Istanbul, Turkey
- **EMC Türkiye 2013, The Second National Electromagnetic Compatibility Conference**, September 9-11, 2013, IŞIK University, Maslak – Istanbul, Turkey
- **XII. Mediterranean Microwave Symposium**, September 2-5, 2012, Doğuş University, Istanbul, Turkey
- **VI. URSI-Turkey Congress and National Meeting**, September 2-5, 2012, Doğuş University, Istanbul, Turkey
- **EMC Türkiye 2011, The First National Electromagnetic Compatibility Conference**, September 14-16, 2011, Doğuş University, Istanbul, Turkey
- **International Workshop on Deregulated Electricity Market Issues in South-Eastern Europe**, September 19-20, 2007, Doğuş University, Istanbul, Turkey (in collaboration with the Electric Power Systems Lab, TEI of Crete)
Proceeding: **Deregulated electricity Market Issues in South-Eastern Europe**, L. Sevgi, Ed., Dogus Publications, ISBN No: 978-9944-5789-1-2, Sep 2007
- **International Mini-Symposium on Complex Computing-Networks: Brain-like and Wave-oriented Electrodynamics Algorithms**
Proceeding: **Complex Computing-Networks: Brain-like and Wave-oriented Electrodynamics Algorithms**, C. Gökner, L. Sevgi (ed.), Springer Proceedings in Physics, V. 104, 2006, ISBN: 3-540-30635-8

Special sessions / Short courses / Seminars / Keynotes

- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 2-hr Seminar, **NJIT, New Jersey Institute of Technology**, Jul 14, 2017, NJ, USA.
- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 2-hr Seminar, **Celal Bayar University**, Electrical – Electronics Eng Dept, Nov 11, 2016, Manisa, Turkey.
- Il-Seuk Koh, L. Sevgi, "Groundwave Propagation Modeling, Simulation and Measurement," **AP-RASC 2016**, The URSI 2016 Asia-Pacific Radio Science Conference, Aug 21-25, 2016, Seoul, Korea.
- L. Sevgi, "Guided Wave Propagation Modeling and Simulation: Analytical vs. Numerical Models," 2-Hour Keynote Speech, **IBCAST 2016**, The 13th International Bhurban Conference on Applied Sciences & Technology, Jan 12-16, 2016, Islamabad, Pakistan.
- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 4-hr Seminar, **CAMA 2015**, The IEEE International Conference on Antenna Measurements & Applications, Nov 30 – Dec 2, 2015, Chiang Mai, Thailand.
- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 2-hr Seminar, **Nanjing University of Aeronautics and Astronautics**, Apr 11, 2015, Nanjing, China.
- L. Sevgi. "Integrated Surveillance Systems based on High Frequency Surface Wave Radars," 2-hr Seminar, **Nanjing University of Aeronautics and Astronautics**, Apr 12, 2015, Nanjing, China.
- L. Sevgi. "Radar Cross Section Prediction and Reduction," 2-hr Seminar, **Nanjing University of Aeronautics and Astronautics**, Apr 12, 2015, Nanjing, China.
- L. Sevgi. "Electromagnetic Modeling and Simulation: Challenges, Perspectives and Future Trends," 2-hr Seminar, **Southeast University**, Apr 13, 2015, Nanjing, China.
- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 2-hr Seminar, **Beijing Institute of Technology**, Apr 8, 2015, Beijing, China.
- L. Sevgi. "Electromagnetic Diffraction Modeling and Simulation," 2-hr Seminar, **National Space Science Center**, Apr 7, 2015, Beijing, China.
- L. Sevgi. "Electromagnetic Virtual Tools and Diffraction Modeling," 1-Day Short Course, **The 2015 IEEE AP-S Symposium on Antennas and Propagation and URSI CNC/USNC Joint Meeting**, Jul 19-25, 2015, Vancouver, British Columbia, CA.

- L. Sevgi, "Electromagnetic Diffraction Modeling and Simulation," 2-Hour Keynote Speech, **IBCAST 2015**, The 12th International Bhurban Conference on Applied Sciences & Technology, Jan 13-17, 2015, Islamabad, Pakistan
- L. Sevgi, "Radar Cross Section Modeling and Simulation," 1-Day Course, **AERO - NESCOM**, Jan 15, 2015, Islamabad, Pakistan
- L. Sevgi, "High Frequency Surface Wave Radars: Fundamentals and Challenges," Electronic Systems Research Center, **Technical Research and Development Institute, Ministry of Defense**, May 12, 2014, Tokyo – Japan
- L. Sevgi, "Electromagnetic Diffraction: High Frequency Asymptotics vs. Numerical Models," Department of Electrical and Electronic Engineering, **Tokyo Institute of Technology**, May 13, 2014, Tokyo – Japan
- L. Sevgi, "Engineers Speak with Numbers," Keynote Talk, **13th Mediterranean Microwave Symposium MMS'2013**, 2-5 September 2013, Saida, Lebanese
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering," 4-Hour Short course, **ACES 2013**, The 29th International Review of Progress in Applied Computational Electromagnetics, March 24th-28th, 2013, Monterey, CA
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering," Special Session, **ACES 2013**, The 29th International Review of Progress in Applied Computational Electromagnetics, March 24th-28th, 2013, Monterey, CA
- L. Sevgi, "EM Modeling and Simulation," Inter-Departmental Seminar, Feb 13, 2013, Dept of ECE, **UMASS Lowell, MA**.
- L. Sevgi, "Filter Design: From Lumped Elements to Microstriplines," 2-Hour Short course, **New Jersey Institute of Technology, Electrical Engineering Dept.**, Oct 22, 2012, NJ, USA
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering (EME): Perspectives, Problems, and Challenges," 2-Hour Short course, **University of Rome (Rome "Tre")**, Rome, Italy, June 25, 2012
- L. Sevgi, "Integrated Maritime Surveillance System based on Surface Wave High Frequency Radars," 2-Hour Short course, Department of Electrical and Computer Engineering, **National University of Singapore (NUS)**, Singapore 117576, May 24, 2012
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering: Strategies, Problems, and Challenges," 2-Hour Short course, Franklin Seminar Room, Fusionopolis, Connexis South Tower, Level 11, **Institute for Infocomm Research**, Singapore, May 23, 2012
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering: Strategies, Problems, and Challenges," 2-Hour Short course, Wireless & Photonic Networks (WiPNET), Research Center of Excellence, Faculty of Engineering, **Universiti Putra Malaysia (UMP)**, Kuala Lumpur, 21 Mayis 2012
- L. Sevgi, "Modeling and Simulation Approaches in EM Engineering: Strategies, Problems, and Challenges," 2-Hour Keynote Speech, **IBCAST 2011**, The 8th International Bhurban Conference on Applied Sciences & Technology, Jan 13-16, 2011, Islamabad, Pakistan
- L. Sevgi, "Radar Cross Section Modeling and Reduction Techniques," 1-Hour Course, **IBCAST 2011**, The 8th International Bhurban Conference on Applied Sciences & Technology, Jan 13-16, 2011, Islamabad, Pakistan
- L. Sevgi, "EMC Engineering: From Design to Market," 3-Day Course, Air Weapons Complex (AWC), March 6-9, 2011, Islamabad, Pakistan
- L. Sevgi, "Engineers Speak with Numbers," 2-Hour Short course, **New Jersey Institute of Technology, Electrical Engineering Dept.**, July 20, 2010, USA
- L. Sevgi, "Validation, Verification and Calibration (VV&C) in Applied Computational Electromagnetics" **ACES 2010, the annual conference of the Applied Computational Electromagnetics Society**, Tampere Hall, Tampere, Finland, April 26 - 29, 2010
- L. Sevgi, "Modeling and Simulation Strategies in EMC Engineering: Problems, Challenges and Tools," 4-Hour Short Course, **EMC Zurich 2009**, 20th International Zurich Symposium on Electromagnetic Compatibility, Jan 12-16, 2009, Switzerland
- L. Sevgi, "EMC Testing Centers and Labs: Problems Related to CE Marking," (Topical Meeting) **EMC Zurich 2009**, 20th International Zurich Symposium on Electromagnetic Compatibility, Jan 12-16, 2009, Switzerland
- L. Sevgi, **ELECO'2007**, Special Session "From Engineering Electromagnetics Towards Electromagnetic Engineering," December 5-9, 2007, Bursa
- L. Sevgi, "Virtual Electromagnetic Engineering Computer Tools," (a half-day short course) **EuCAP 2007 The Second European Conference on Antennas and Propagation**, Nov. 11-17, 2007, Edinburgh, UK
- L. Sevgi, "From Engineering Electromagnetics Towards Electromagnetic Engineering," (invited -- a half-day short course) **Electronic & Telecommunications Engineering, University of Moratuwa (UOM)**, Aug 18, 2007, Sri Lanka
- L. Sevgi, "Electromagnetic Engineering and Teaching via Virtual Computer Tools," (a half-day short course) **EUROCON 2007 The International Conference on computer as a Tool**, Sep 9-12, 2007, Warsaw, Poland

- L. Sevgi, "Radiowave Propagation Through Complex Environments: Historical Review, Analytical Approaches and Numerical Simulations," (3-day seminar) **Department of Electronics and Telecommunications, Bilbao Faculty of Engineering, SPAIN**, May 9-11, 2007
- L. Sevgi, "Modeling and Simulation Strategies in Antennas and Propagation: Novel Virtual Tools," (a half-day short course) **The First European Conference on Antennas and Propagation**, EuCAP 2006, Nov 6-10, 2006 Nice – France
- L. Sevgi, "Modeling and Simulation Strategies in Electromagnetics: *Teaching via Virtual Tool*," **IEEE AP-S International Symposium & USNC/URSI National Radio Science AMEREM Meeting**, July 9-14, 2006, Albuquerque, New Mexico, USA
- L. Sevgi, "Modeling and Simulation Strategies in Electromagnetics: *Teaching via Virtual Tool*," **New Jersey Institute of Technology, Electrical Engineering Dept.**, July 18, 2006, USA
- L. Sevgi, "Modeling and Simulation Studies for Wireless Propagation: Perspectives and Challenges," (a 4-hour short course), **URSI National Meeting**, Bilkent University, Sep 2004
- L. Sevgi, "Stochastic Modeling and Simulation Studies for Surface-wave HF Radars: Problems and Challenges," (a 6-hour tutorial), **University of Adelaide**, 9 Sept. 2003, Adelaide, South Australia
- L. Sevgi, "Complex EM Problems and Numerical Simulation Approaches," **The 2003 IEEE International conference on EMC** (a 4-hour tutorial session), May 11-16, Istanbul, Turkey
- L. Sevgi, F. Akleman, "Applications of the FDTD, TLM, SSPE, HF MIX, TLMWP, and Other CEM Methods to Complex EM Problems," **The 2003 IEEE International Symposium on EMC**, (a 2-hour DEMO), May 11-16, 2003, Istanbul
- L. Sevgi, F. Akleman, L. B. Felsen, "Electromagnetic Wave Propagation in Guiding Environments: Modeling and Simulation," (half-day short course) **2003 IEEE International Symposium on Antennas and Propagation, and USNC/CNC/URSI North America Radio Science Meeting**, June 22-27, Columbus, Ohio, 2003
- **EMC 2003**, Special Session on "EMC and Signal Processing Techniques," The 2003 IEEE International Symposium on EMC, May 11-16, 2003, Istanbul
- **SIU'2001**, Cellular phones, base stations and public health, EMU Eastern Mediterranean University, April 24-27, Magusa, Cyprus
- **SIU'2000**, Special Session on Radars & Signal Processing Techniques, May 2000, Antalya
- **ELECO'2000**, Special Session on Electromagnetic Problems and Numerical Simulation Techniques, November 2000, Bursa

Editorials / Special Issues

- L. Sevgi (Guest Editor), Special Section on "Wide Area Surveillance", **IEEE ACCESS**, Open-access Journal, Jan 2018 (<http://ieeexplore.ieee.org/xpl/RecentIssue.jsp?punumber=6287639>)
- L. Sevgi (Guest Editor), Special issue on "Electromagnetic Diffraction Modeling and Simulation" **ACES, Journal of Applied Computational Electromagnetics Society**, Vol. 32, No. 7, Jul 2017 (<http://www.aces-society.org/journal.php>)
- L. Sevgi (Guest Editor), Special issue on "Challenges in RF and Microwave Defense Engineering" **RFMiCAE, International Journal on RF and Microwave Computer-Aided Engineering**, Vol. 26, No. 4, May 2016 (<http://onlinelibrary.wiley.com/doi/10.1002/mmce.v26.4/issuetoc>)
- L. Sevgi (Guest Editor), Special issue on "Modeling and Simulation Challenges in Microwave Engineering" **RFMiCAE, International Journal on RF and Microwave Computer-Aided Engineering**, Vol 23, No 4, pp. 394-515, Jul 2013 (<http://onlinelibrary.wiley.com/doi/10.1002/mmce.v23.4/issuetoc>)
- L. Sevgi, Filiberto Bilotti (Guest Editors), Special issue on "Metamaterials: Modeling, Simulation, and Applications" **RFMiCAE, International Journal on RF and Microwave Computer-Aided Engineering**, Vol 22, No 4, Jul 2012 (<http://onlinelibrary.wiley.com/doi/10.1002/mmce.v22.4/issuetoc>)
- L. Sevgi (Guest Editor), Special issue on "Sky- and Ground-wave High Frequency (HF) Radars: Challenges in Modelling, Simulation and Application," **TJEECS, Turkish Journal of Electrical Engineering and Computer Sciences**, Vol. 18, No 3, May 2010 (<http://mistug.tubitak.gov.tr/bdyim/toc.php?dergi=elk&yilsayi=2010/3>)
- L. Sevgi, Ruediger Vahldieck (Guest Editor), Special issue on "From Design to Market of Electronic Systems: EMC Engineering," **TJEECS, Turkish Journal of Electrical Engineering and Computer Sciences**, Vol. 17, No.3, Nov 2009 (<http://mistug.tubitak.gov.tr/bdyim/toc.php?dergi=elk&yilsayi=2009/3>)
- L. Sevgi (Guest Editor), Special issue on "From Engineering Electromagnetics Towards Electromagnetic Engineering," **ELEKTRIK, Turkish Journal of Electrical Engineering and Computer Sciences**, (dedicated to the 75th birthday of Prof. Raj Mittra) Vol. 16, No.1, Mar 2008 (<http://mistug.tubitak.gov.tr/bdyim/toc.php?dergi=elk&yilsayi=2008/1>)

- L. Sevgi (Guest Editor), Special issue on "Electrical and Computer Engineering in the 21st Century: Issues, Perspectives and Challenges," **ELEKTRİK, Turkish Journal of Electrical Engineering and Computer Sciences**, Vol.14, No.1, Mar 2006
(<http://mistug.tubitak.gov.tr/bdyim/toc.php?dergi=elk&yilsayi=2006/1>)
- L. Sevgi (Guest Editor), Special issue on "Complex Electromagnetic Problems & Numerical Simulation Approaches," (dedicated to the 75th birthday of Prof. Leopold B Felsen) **ELEKTRİK, Turkish Journal of Electrical Engineering and Computer Sciences**, Vo. 10, No.2, Jul 2002
(<http://mistug.tubitak.gov.tr/bdyim/toc.php?dergi=elk&yilsayi=2002/2>)

Recent Seminars in Popular Science (in Turkish)

- L. Sevgi, "Cep telefonları, baz istasyonları ve Kaygılarımız," Davetli Konuşma, **Manisa Belediyesi Lale Konferans Salonu**, 16 Aralık 2016, Manisa
- L. Sevgi, "Bilim, Teknoloji ve Toplum: Bilimde Okur yazar olmak," Davetli Konuşma, **Manisa İl Milli Eğitim Müdürlüğü, Manisa Belediyesi Lale Konferans Salonu**, 16 Aralık 2016, Manisa
- L. Sevgi, "Bilim, Teknoloji ve Toplum: Bilimde Okur yazar olmak," Davetli Konuşma, **Manisa Sosyal Bilimler Lisesi**, 11 Kasım 2016, Manisa
- L. Sevgi, "Cep telefonları ve baz istasyonları ekseninde ELEKTROMANYETİK KİRLİLİK tartışmaları," Davetli Konuşma, **EMANET 2015, III. Elektromanyetik Alanlar ve Etkileri Sempozyumu**, 13-15 Kasım 2015, Mersin Yenişehir Belediyesi Atatürk Kültür Merkezi, MERSİN
- L. Sevgi, "ARGE'ye dayalı ulusal savunma/tedarik ve fizik tabanlı modelleme ve simülasyon," Davetli Konuşma, **USMOS 2009, Üçüncü Ulusal Savunma Uygulamaları Modelleme ve Simülasyon Konferansı**, 17-18 Haziran 2009, ODTÜ, ANKARA
- L. Sevgi, "Cep telefonları ve baz istasyonları ekseninde ELEKTROMANYETİK KİRLİLİK tartışmaları," Davetli Konuşma, **BİYOMUT 2009, 14. Biyomedikal Mühendisliği Ulusal Toplantısı**, 20-22 Mayıs 2009, DEÜ, İZMİR
- L. Sevgi, "Cep telefonları ve Baz istasyonları ekseninde elektromanyetik kirlilik tartışmaları", Tunceli Üniversitesi, Bilişim Güvenliği Etkinliği, 16 Ekim 2009
- L. Sevgi, "Bilimde okur yazar olmak ve Rakamlarla konuşmak: Fiziksel Problemler, Modelleme ve Simülasyon", Fırat Üniversitesi, Elazığ, 15 Ekim 2009
- L. Sevgi, "Cep telefonları ve baz istasyonları ekseninde elektromanyetik kirlilik tartışmaları", EGE Bölgesi Sanayi Odası, 22 Mayıs, Cuma 15:00 - 17:00, Konferans Salonu, 6. Kat, EBSO, İzmir
- L. Sevgi, "Atatürk, Bilim ve Bilim Okuryazarlığı," 10 Kasım 2009 Anma Toplantısı, Doğu Üniversitesi, Acıbadem / Kadıköy
- L. Sevgi, "Bilim, Bilim Okuryazarlığı, ve Bilim Etiği," 26 Mart 2010, Kocaeli Üniversitesi, Mühendislik Fakültesi, Umuttepe / Kocaeli
- L. Sevgi, "Cep Telefonları, Baz İstasyonları ve Toplumsal kaygılar," 13 Şubat 2011, Cadde Bostan Kültür Merkezi, Kadıköy Belediyesi, Kadıköy / İstanbul
- L. Sevgi, "Cep Telefonları, Baz İstasyonları ve Toplumsal kaygılar," 18 Mayıs 2011, Bursa Belediyesi Kent Konseyi, Bursa
- L. Sevgi, "Bilim, Bilim Okuryazarlığı ve Rakamlarla Konuşmak," 4 Nisan 2012, Doğu Üniversitesi, Acıbadem / İstanbul
- L. Sevgi, "Cep Telefonları, Baz İstasyonları ve Toplumsal kaygılar," 18 Nisan 2012, Doğu Üniversitesi, Acıbadem / İstanbul
- L. Sevgi, "Bilim ve Etik," 16 Mayıs 2012, Doğu Üniversitesi, Acıbadem / İstanbul

Articles/Journal Papers:

Submitted (Total: 180)

- [1] A. Pekmezci, E. Topuz, L. Sevgi, "MUR Type Absorbing Boundary Conditions for DNG Media Termination," **IEEE Microwave and Wireless Components Letters**, Mar 2017.
- [2] F. Hacivelioglu, G. Apaydın, L. Sevgi, O. Ufimtsev "Diffraction at Trilateral Cylinders with Combinations of Soft and Hard Faces: First-Order PTD Approximation," **Electromagnetics**, Nov 2017.
- [3] G. Apaydın, L. Sevgi, P. Ya Ufimtsev, "Diffraction at Hard Trilateral Cylinder with Rounded Edges," **IEEE Trans on Antennas and Propagat.**, Nov 2017.

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- [1] L. Sevgi, "Multi-SWHFR-based Wide-Area Surveillance systems: Historical Review and Modeling-Simulation Challenges," **IEEE ACCESS**, 2017, pp.xxx-xxx. (Introduction paper).

- [2] G. Apaydin, L. Sevgi, "A MATLAB-based Simulator for Guided Wave Modelling inside a 2D Parallel Plate Waveguide," **IEEE Antennas and Propagation Magazine**, Vol. 59, No. 4, pp.100-104, Aug 2017. [WOS:000414626900013](#)
- [3] G. Apaydin, L. Sevgi, O. Ufimtsev "Extension of PTD for Finite Objects with Rounded Edges: Diffraction at Soft Trilateral Cylinder," **IEEE Antennas and Wireless Propagation Letters**., Vol 16, pp. 2590-2593, 2017. [WOS:000409080800025](#)
- [4] L. Sevgi, "Electromagnetic Diffraction Modeling: High Frequency Asymptotics vs. Numerical Techniques," **ACES, Int Journal on Applied Computational Electromagnetics**, Vol. 32, No. 7, pp. 555-561, June 2017. [WOS:000407018000001](#)
- [5] G. Apaydin, L. Sevgi, P. Ya. Ufimtsev, "Diffraction at Rounded Wedges: MoM Modeling of PTD Fringe Waves," **ACES, Int Journal on Applied Computational Electromagnetics**, Vol. 32, No. 7, pp. 600-607, June 2017. [WOS:000407018000008](#)
- [6] A. Uslu, G. Apaydin, L. Sevgi, "Finite Difference Time Domain Modeling of Fringe Waves," **ACES, Int Journal on Applied Computational Electromagnetics**, Vol. 32, No. 7, pp.575-580, June 2017. [WOS:000407018000004](#)
- [7] G. Apaydin, C. Lu, L. Sevgi, W. C. Chew "A Novel Groundwave Propagation Modeling using Fast Far-Field Approximation (FAFFA)," **IEEE Antennas and Wireless Propagation Letters**, Vol 16, pp. 1369-1372, 2017. [WOS:000402127600015](#)
- [8] O. Ozgun, L. Sevgi, "Finite Element Modeling of Fringe Waves in Wedge Diffraction Problem," **IEEE Antennas and Wireless Propagation Letters**, Vol 16, pp. 369-372, 2017. [WOS:000399311000092](#)
- [9] A. Uslu, G. Apaydin, L. Sevgi, "Diffraction modeling by a Soft-Hard Strip using Finite Difference Time Domain Method," **IEEE Antennas and Wireless Propagation Letters**., Vol 16, pp. 306-309, 2017. [WOS:000399311000076](#)

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