



# Kamyā Yekeh Yazdandoost

Curriculum Vitae  
October 2020

## Contact Information

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## Education

2000 **Ph.D.**, University of Pune, Department of Electronic Science, Pune, India.  
1996 **M.Sc.**, University of Pune, Department of Electronic Science, Pune, India.

## Position and Professional Experience

10/2020 – Present Research Engineer, Technology Engineering Group, International Iberian Nanotechnology Laboratory, Portugal.

05/2009 – Present Adjunct Professor, Centre for Wireless Communications, Department of Communications Engineering, University of Oulu, Finland.

10/2017 – 09/2020 Fellow, Department of Electrical Engineering and Automation, School of Electrical Engineering, Aalto University, Finland.

01/2010 – 12/2015 Finland Distinguished Professor Programme (FiDiPro) Fellow, Center for Wireless communications (CWC), University of Oulu, Finland.

06/2003 – 03/2016 Senior Researcher, National Institute of Information and Communication Technology, Japan.

02/2007 Visiting Professor, Asian Institute of Technology, Bangkok, Thailand

05/2001 – 05/2003 Research Fellow, Department of Micro-Nano System Engineering, Nagoya University, Japan

## Professional Interests

Antenna Theory and Design; RF and Electromagnetics Wave; Wireless Communications; Propagation and Channel Modelling; Internet of Medical Things; Body Area Networks; RF for Healthcare and Medical Applications; Human Body Wearable and Implantable Devices; Modeling of Electromagnetic Interactions with Human Body; RF and Electromagnetic wave Radiation Dosimetry Assessments.

## Teaching

- 2019 – 2020 Electromagnetic field safety and medical applications (Master course), Aalto University, Finland.
- 2018 – 2019 Electromagnetic field safety and medical applications (Master course), Aalto University, Finland.
- 2013– 2014 Wireless Communication for Body Implanted Device (PhD and Master course), University of Oulu, Finland.
- 2012 – 2013 Biological Effect of Electromagnetic Radiation: Absorption and Heat (PhD and Master course), University of Oulu, Finland.
- 2013 Biological Effect of Electromagnetic Radiation (Special course) University of Malaga, Spain.
- 2011 – 2012 Biological Effect of Electromagnetic Radiation: Absorption and Heat (PhD and Master course), University of Oulu, Finland.
- 2012 BAN Antennas (Special course) Università di Bologna, Italy.
- 2012 BAN Channel (Special course) Università di Bologna, Italy.
- 2011 – 2012 Ultra-wideband Antenna from Theory to Practice (PhD and Master course), University of Oulu, Finland.
- 2010 – 2011 Wireless Communication for Body Implanted Device (PhD and Master course), University of Oulu, Finland.
- 2009 – 2010 Ultra-wideband Antenna from Theory to Practice (PhD and Master course), University of Oulu, Finland.
- 2007 Ultra-wideband Antenna from Theory to Practice (Special course), Asia Institute of Technology, Bangkok, Thailand

## Research Project

- 03/2010 – 12/2015 **Wireless Body Area Networks for Health and Medical-care (WiBAN-HAM)**, Principal Investigator (PI) and Finland Distinguished Professor (FiDiPro) Fellow, Center for Wireless Communications (CWC), University of Oulu, Finland. Founded by Finnish Funding Agency for Innovation (TEKES) (Now Business Finland) and University of Oulu,(Total Budget:Euro 918000).
- 06/2003 – 03/2016
  - 1- **Ultra-Wideband Technology**
  - 2- **Telemedicine and Healthcare ICT**
  - 3- **R&D on Proximity/Short-Range wireless Communication Technology and Its Application**
 Senior Researcher, National Institute of Information and Communications Technology (NICT), Japan.

## Professional Activities and Memberships

- 2001 - Present
  - IEEE (Senior Member)
  - IEEE Microwave Theory and Techniques Society (Life member)
  - IEEE Antenna and Propagation Society
  - IEEE Smart City Community (Technical Committee)
  - IEEE Life Sciences Community (Technical Committee)
  - IEEE Internet of Things Community (Technical Committee)
  - IEEE Green ICT Community (Technical Committee)
  - IEEE Smart Grid Community (Technical Committee)

- IEEE 5G (Technical Committee)
- IEEE Brain (Technical Committee)
- IEEE Council on RFID
- IEEE Standardization committee (IEEE.802.15), Chair, Committee for Channel Modeling of Body Area Network Standardization
- 2015 External Expert Evaluator for a proposal to the European Cooperation in Science and Technology (COST) Action.
- 2011 External Expert Evaluator for a proposal to the Foundation for Scientific Research (FWO), Belgium.
- 05/2011 – 05/2015 COST-IC1004, European co-operation on Pervasive Mobile & Ambient Wireless Communications, Chair of Body Environment Group, Representative and contributing member of National Institute of Information and Communications Technology, Japan.
- 12/2006 – 12/2010 COST2100, European co-operation on Pervasive Mobile & Ambient Wireless Communications, Representative and contributing member of National Institute of Information and Communications Technology, Japan.

#### Guest Editor

- 2015 Special Issue of International Journal of Wireless Information Networks, Springer.
- 2012 Special Issue of International Journal of Wireless Information Networks, Springer.
- 2011 Special Issue of International Journal of Ultra Wideband Communications and Systems.
- 2011 Special Issue of International Journal of Wireless Information Networks, Springer.
- 2010 Special Issue of International Journal of Wireless Information Networks, Springer.
- 2007 Special Issue of International Journal of Microwave Science and Technology, Hindawi.

#### Organizer and Chair

1. Tutorial Chair, The annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC'16), Valencia, Spain, 2016.
2. Track Chair, IEEE 81st Vehicular Technology Conference: VTC2015-Spring Track on Ad-hoc, Mesh, Machine-to-Machine and Sensor Network, Scotland, Glasgow, 2015.
3. Workshop Chair, The annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC' 14), Washington DC, USA, 2014.
4. Special Session Organizer and Chair, Antenna and Propagation for Body Area Networks (supported by COSTIC1004), the XXXIst General Assembly and Scientific Symposium (GASS) of the International Union of Radio Science (Union Radio Scientifique Internationale: URSI), Beijing, China, 2014.
5. Convened Session Organizer and Chair, Antenna & Propagation for Body Environments (Supported by COSTIC1004), The 8th European Conference on Antenna and Propagation (EuCAP2014), Hague, Netherland, 2014.
6. Special Session Organizer, COST IC1004 Special Session on Body Communications, International

Symposium on Medical Information and Communication Technology (ISMICT 2013), Tokyo, Japan, 2013.

7. Special Session Organizer, Antennas and Propagation for Body Area Network, International Symposium on Medical Information and Communication Technology (ISMICT 2013), Tokyo, Japan, 2013.

8. Track Chair, The annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC'11), Track on Wireless Networks and Health Care, Toronto, Canada, 2011.

9. Workshop Chair, The annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (IEEE PIMRC'10), International Workshop on Body Area Networks: Enabling Technologies for Wearable and Implantable Body Sensors, Istanbul, Turkey, 2010.

### Technical Program Committee and Steering Committee

1. Technical Program Committee of the 15th European Conference on Antennas and Propagation (EUCAP 2021), 22-26 March 2021, Dusseldorf, Germany.

2. Technical Program Committee of the 15th EAI International Conference on Body Area Networks: Smart IoT and big data for intelligent health management (BODYNETS 2020), October 21-22, 2020, Tallinn, Estonia.

3. Technical Program Committee of the IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2020), 31 August-3 September 2020, London, UK.

4. Technical Program Committee of the IoT-Health 2020: 3rd International Workshop on IoT Enabling Technologies in Healthcare, IEEE ICC 2020, June 2020, Dublin, Ireland.

5. Technical Program Committee of the 9th Microwave and Radar Week (MRW 2020), 18-21 May 2020, Vilnius, Lithuania.

6. Technical Program Committee of the 14th European Conference on Antennas and Propagation (EUCAP 2020), 15-20 March 2020, Copenhagen, Denmark.

7. Technical Program Committee of the International Conference on Computing, Networking and Communications (ICNC 2020), 17-20 February 2020, Big Island, Hawaii, USA.

8. Technical Program Committee of the Global Information Infrastructure and Networking Symposium (GIIS 2019), 18-20 December 2019, Paris, France.

9. Technical Program Committee of the 22nd Wireless Personal Multimedia Communications (WPMC 19), 24-27 November 2019, Lisbon, Portugal.

10. Technical Program Committee of the IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC 2019), September 8-11, 2019, Istanbul, Turkey.

11. Technical Program Committee of the 13th European Conference on Antennas and Propagation (EUCAP 2019), 31 March to 5 April 2019, Krakow, Poland.

12. Technical Program Committee of the upcoming Global Information Infrastructure and Networking Symposium (GIIS 2018), October 23-25, 2018, Thessaloniki, Greece.

13. Technical Program Committee of the 13th EAI International Conference on Body Area Networks (BODYNETS 2018), October 2-3, 2018, Oulu, Finland.

14. Technical Program Committee (special session: WIBCOMM) of the IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC2018), September 9-12, 2018, Bologna, Italy.

15. Technical Program Committee of the 8th Microwave and Radar Week (MRW 2018), May 14-17, 2018, Poznań, Poland.

16. Technical Program Committee of the 23rd International Conference on Telecommunications (ICT 2016), May 16-18, 2016, Thessaloniki, Greece.

17. Steering Committee of International Symposium on Medical Information and Communication Technology, (ISMICT 2016), March 21-23, 2106, Worcester, Massachusetts, US.

18. Technical Program Committee of the International Symposium on Medical Information and Communication Technology (ISMICT 2015), March 21-23, 2016, Worcester, Massachusetts, US.

19. Technical Program Committee of the 10th International Conference on Body Area Networks (BodyNets 2015), September 28-30, 2015, Sydney, Australia.
20. Technical Program Committee of the 22nd International Conference on Telecommunications (ICT 2015), April 27-29, 2015, Sydney, Australia.
21. Technical Program Committee of the 9th European Conference on Antennas and Propagation (EuCAP 2015), April 12-17, 2015, Lisbon, Portugal.
22. Steering Committee of International Symposium on Medical Information and Communication Technology, (ISMICT 2015), March 24-26, 2015.
23. Technical Program Committee of the International Symposium on Medical Information and Communication Technology (ISMICT 2015), March 24-26, 2015.
24. Technical Program Committee of the IEEE MTT-S International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-Bio 2014), Dec 8-10, 2014, London, UK.
25. Technical Program Committee of the 2014 IEEE International Conference on Communication, Networks and Satellite (IEEE COMNETSAT 2014), November 4-6, 2014, Jakarta, Indonesia.
26. Technical Program Committee of the 4th International Conference on Wireless Mobile Communication and Healthcare (MobiHealth 2014), November 3-5, 2014, Athens, Greece.
27. Technical Program Committee of the 9th International Conference on Body Area Networks (BodyNets 2014), September 29-October 1, London, UK.
28. Technical Program Committee of the 17th International Symposium on Wireless Personal Multimedia Communications (WPMC 2014), September 14-18, 2014, Sydney, Australia.
29. Technical Program Committee of the International Telecommunications Symposium (ITS 2014), August 17 – 20, 2014, São Paulo, Brazil.
30. Technical Program Committee of the 21st International Conference on Telecommunications (ICT 2014), May 5-7, 2014, Lisbon, Portugal.
31. Technical Program Committee of the International Symposium on Medical Information and Communication Technology (ISMICT 2014), April 2-4, 2014, Florence, Italy.
32. Technical Program Committee of the 4th International Conference on Wireless Mobile Communication and Healthcare (MobiHealth2013), December 11-13, 2013, Washington DC, USA.
33. Technical Program Committee of the IEEE MTT-S International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-Bio 2013), Dec 9-11, 2013, Singapore.
34. Technical Program Committee of the International Conference on Body Area Networks (BodyNets-2013), September 30 – October 2, 2013, Boston, USA.
35. Technical Program Committee of the Workshop on Body Area Networks (UWBAN-2013), September 30 – October 2, 2013, Boston, USA.
36. Technical Program Committee of the IEEE Symposium on Humanities, Science and Engineering, SHUSER2013, June 23-26, 2013, Penang, Malaysia.
37. Technical Program Committee of the IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC2013), September 8-11, 2013, London, UK.
38. Technical Program Committee of the International Symposium on Medical Information and Communication Technology (ISMICT 2013), March 6-8, 2013, Tokyo, Japan.
39. Technical Program Committee of the 2012 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER 2012), December 3-4, 2012, Kota Kinabalu, Sabah, Malaysia
40. Technical Program Committee of the 3rd International Conference on Wireless Mobile Communication & Healthcare (MobiHealth 2012), November 21-23, 2012, Paris, France.
41. Technical Program Committee of the 2012 IEEE International Conference on Electronics Design, Systems and Applications (ICEDSA 2012), 5 - 6 November 2012, Kuala Lumpur, Malaysia.
42. Technical Program Committee of the 15th International Symposium on Wireless Personal Multimedia Communications (WPMC 2012), September 24-27, 2012, Taipei, Taiwan.

43. Technical Program Committee of the 7th International Conference on Body Area Networks (BodyNets 2012), September 24-26, 2012, Oslo, Norway.
44. Technical Program Committee of the Workshop on Ultra WideBand for Body Area Networking (UWBAN 2012), September 24-26, 2012, Oslo, Norway.
45. Technical Program Committee of the 2012 IEEE Symposium on Wireless Technology & Applications (ISWTA2012), September 23 -26, 2012,Bandung, Indonesia.
46. Technical Program Committee of the 2012 IEEE Symposium on Business, Engineering and Industrial Applications (ISBEIA2012), September 23 -26, 2012,Bandung, Indonesia.
47. Technical Program Committee of the 4nd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL2011), October 26-29, 2011, Barcelona, Catalonia, Spain.
48. Technical Program Committee of the 11th International Symposium on Communications & Information Technologies (ISCIT 2011), October 12-14, 2011, Hangzhou, China.
49. Technical Program Committee of the 14th International Symposium on Wireless Personal Multimedia Communications (WPMC 2011), October 3-7, 2011, Brest, France.
50. Technical Program Committee of the 4nd International Symposium on Medical Information and Communication Technology (ISMICT 2011), March 27-30, 2011, Montreux, Switzerland.
51. Member of Steering Committee of International Symposium on Medical Information and Communication Technology, ISMICT 2011.
52. Member of Steering Committee of International Symposium on Medical Information and Communication Technology, ISMICT 2010.
53. Technical Program Committee of the 3nd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL2010), November 7-10, 2010, Room, Italy.
54. Technical Program Committee of the 2nd International Symposium on Applied Sciences in Biomedical and Communication Technologies (ISABEL2009), November 24-27, 2009, Bratislava, Slovak.
55. Technical Program Committee of the 20th Personal, Indoor and Mobile Radio Communications Symposium 2009 (PIMRC'09), September 13– 16, 2009, Tokyo, Japan.
56. Technical Program Committee of the 12th International Symposium on Wireless Personal Multimedia Communications (WPMC'09), September 7 – 10, 2009, Sendai, Japan.
57. Steering Committee of International Symposium on Medical Information and Communication Technology, ISMICT 2009.
58. Steering Committee of International Symposium on Medical Information and Communication Technology, ISMICT 2007.
59. International affairs of 2005 International Workshop on UWB Technologies (IWUWBT), 2005, Yokosuka, Japan.
60. International affairs of 2004 International Workshop on Ultra Wideband System Joint with Conference on Ultra Wideband System and Technologies (UWBST & IWUWBS), 2004, Kyoto, Japan.

### Journal Reviewer

- IEEE Transaction on Biomedical Engineering
- IEEE Transaction on Communication
- IEEE Transaction on Antenna and Propagations
- IEEE Transaction on Microwave Theory and Techniques
- IEEE Access
- IEICE Transaction on Fundamental/ Communication/ Electronics/ Information & System
- ETRI Journal on Information, Telecommunications, and Electronics
- The journal annals of telecommunications - annales des télécommunications

- IEE Proceeding on Communication
- The EURASIP Journal on Wireless Communications and Networking
- Journal of Communications and Networks

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## Awards and Fellowships

- 2014 Best Papers Award, International Symposium on Medical Information and Communication Technology.
- 2013 Extra Ordinary Achievements Medal, National Institute of Information and Communications Technology, Japan.
- 2012 The IEEE Certificate of Appreciation for Outstanding Contributions to the Development of IEEE standard 802.15.6.
- 2010 – 2015 Finland Distinguish Professor Programme (FiDiPro) Fellow.
- 2009 Best Papers Award, The 20th Personal, Indoor and Mobile Radio Communications Symposium.
- 2005 UWB Project Group Lead Award, National Institute of Information and Communications Technology, Japan.
- 2001 – 2003 Fellowship, The Japan Society for the Promotion of Science, Japan.
- 2001 Grant Award for Scientific Research from the Ministry of Education, Culture, Sports, Science and Technology, Japan.
- 1997 – 1998 Grant Award, Japan Association for Education, Japan.
- 2006, 2007, 2008 Who's Who in Science and Engineering.  
, and 2009
- 2006, 2007, 2008 Who's Who in the world.  
, and 2009
- 2007 and 2012 Who's Who in Asia.
- 2007 and 2009 International Biographical Center, Oxford, UK.
- 2011 and 2012 Dictionary of International Biography-34th Edition, UK.

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## Patents

- UWB Antenna, USA, Patent No.: US7123207.
- UWB Antenna, Europe, Patent No.: EP1515396.
- UWB Antenna, USA, Patent No.: US7193576.
- UWB Antenna, Europe, Patent No.: EP1566858.
- UWB Antenna, Japan, Patent No.: JP4328900.
- UWB Antenna, Europe, Patent No.: EP1753080.
- UWB Antenna, USA, Patent No.: US7804456.

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## Publications

I have contributed to more than 160 refereed journal and conference papers, technical documents, book and book chapters. (<https://scholar.google.com/citations?user=jUjzyJYAAAAJ&hl=en>).

### Book

1. H-B Li , K. Yekeh Yazdandoost, B. Zhen, "Wireless Body Area Network", River Publisher, ISBN: 978-87-92329-46-2, 2010.

### Book Chapter

1. K. Yekeh Yazdandoost and I. Lakkso, "Exposure to RF EMF from 5G Handheld Devices", Chapter 27, in "13th EAI International Conference on Body Area Networks," Edited by C. Sugimoto, H. Farhadi, M. Hämäläinen, Springer International Publishing, 2020.
2. T. Kumpuniemi, J.-P. Mäkelä, M. Hämäläinen, K. Yekeh Yazdandoost, and J. Linatti, "Human Body Effect on Static UWB WBAN Off-Body Radio Channels", Chapter 2, in "13th EAI International Conference on Body Area Networks," Edited by C. Sugimoto, H. Farhadi, M. Hämäläinen, Springer International Publishing, 2020.
3. R. D'Errico, K. Yekeh Yazdandoost, R. Rosini, K. Sayrafian, T. Kumpuniemi, S. Cotton and M. Mackowiak, "Wireless Body Area Networks, including specific Radio Channel Models for WBANs", in "Cooperative Radio Communications for Green Smart Environments" N. Cardona, River Publisher, April 2016.
4. A. Reichman, J.-I. Takada, D. Bajic, K. Yekeh Yazdandoost, W. Joseph, L. Martens, C. Roblin, R. D'Errico, C. Oliveira, L. M. Correia, and M. Hamalainen, "Body Communications", pp.609-660, in "Pervasive Mobile and Ambient Wireless Communications", Springer 2012.
5. K. Yekeh Yazdandoost, "Radio Channel Model for In-Body Wireless Communications", Institute for Computer Science, Social Informatics and Telecommunications Engineering, (K.S Nikita et. al., LNICST83, pp.88-95, 2012.
6. K. Yekeh Yazdandoost, K. Sato, "Theoretical Study of the Power Distributions for Interstitial Microwave Hypothermia", Advances in Systems Engineering, Signal Processing and Communications, WSEAS Press, pp.264-268, 2002.

### Journal Articles (peer-reviewed)

1. K. Yekeh Yazdandoost and I. Laakso, "Non-Invasive Detection of Compartment Syndrome Using Radio Frequency Wave" Progress In Electromagnetics Research (PIER M), Vol. 88, pp. 1-9, January 2020.
2. K. Yekeh Yazdandoost and I. Laakso, "Numerical Modeling of Electromagnetic Field Exposure from 5G Mobile Communications at 10 GHz" Progress In Electromagnetics Research (PIER M), Vol. 72, pp. 61-67, August 2018.
3. K. Yekeh Yazdandoost and I. Laakso, "EMF Exposure Analysis for a Compact Multi-Band 5G Antenna" Progress In Electromagnetics Research (PIER M), Vol. 68, pp. 193-201, May 2018.
4. T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Linatti "Human Body Shadowing Effect on Dynamic UWB On-Body Radio Channels," IEEE Antennas and Wireless Propagation Letters, Vol.16, pp.1871-1874, January 2017.
5. A. Stango, K. Yekeh Yazdandoost, F. Negro, D. Farina "Characterization of In-Body to On-Body Wireless Radio Frequency Link for Upper Limb Prostheses," Journal of PLOS ONE, Volume 11(10), 2016.
6. T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Linatti "Categorized UWB On-Body Radio Channel Modeling for WBANs," Journal of Progress in Electromagnetic Research, Vol. 67, pp. 1-16, 2016.
7. K. Sayrafian-Pour, K. Yekeh Yazdandoost, "Toward 5G Emerging Technologies: Selected Papers from IEEE PIMRC 2014," International Journal of Wireless Information Networks, Vol. 19, No. 3, pp.159-162, September 2015.
8. T. Tuovinen, M. Berg, K. Yekeh Yazdandoost, J. Linatti, "Ultra Wideband Loop Antenna on Contact with Human Body Tissues," IET Microwaves, Antennas & Propagation, pp.1-9, May2013.
9. K. Sayrafian-Pour, K. Yekeh Yazdandoost, "Wireless Technologies in Healthcare: Selected Papers from IEEE PIMRC 2011," International Journal of Wireless Information Networks, Vol. 19. No. 3, pp.159-162, August 2012.
10. K. Yekeh Yazdandoost, K. Sayrafian-Pour, K. Hamaguchi, "RF Propagation and Channel Modeling for UWB Wearable Devices," Invited paper, Antenna and Propagation Technologies Contributing to Diversification of Wireless Technologies, IEICE Transaction on Communication,



E94-B, No.5, pp. 1126-1134, May 2011.

11. K. Sayrafian-Pour, W-B. Yang, J. Hagedorn, J. Terrill, K. Yekeh Yazdandoost and K. Hamaguchi, "Channel Models for Medical Implant Communication," Invited Paper, Springer, International Journal of Wireless Information Networks, December 2010.
12. K. Yekeh Yazdandoost, R. Kohno, "Body Implanted Medical Device Communications," IEICE Transaction on Communication, E92-B, pp. 410-417, February 2009.
13. K. Yekeh Yazdandoost, R. Kohno, "Ultra Wideband Bow-Tie Printed Antenna," IEEE Antennas and Propagation Magazine, No. 48, pp. 186, December 2006.
14. H. Zhang, X. Zhou, K. Yekeh Yazdandoost, and I. Chlamtac, "Multiple Signal Waveforms Adaptation in Cognitive Ultra-Wideband Radio Evolution," IEEE Journal on Selected Areas in Communications, No. 24, pp. 878-884, April 2006.
15. K. Yekeh Yazdandoost, R. Kohno, "Ultra Wideband Antenna," IEEE Communication Magazine, 42, pp. S29-S32, June 2004.
16. K. Yekeh Yazdandoost, K. Sato, "Model of Microstrip Transmission Line for RF MEMS Switch," WSEAS Transaction on Communication, No. 3, pp. 395-398, January 2004.
17. K. Yekeh Yazdandoost, K. Sato, "Theoretical Study of the Power Distributions for Interstitial Microwave Hypothermia," Advances in Systems Engineering, Signal Processing and Communications, 264-268(N. Mastorkis, WSEAS Press, 2002.

#### Conference Articles (peer-reviewed)

1. T. Kumpuniemi, J.-P. Mäkelä, M. Hämäläinen, K. Yekeh Yazdandoost, J. Iinatti, "Measurements and Analysis on Dynamic Off-Body Radio Channels at UWB Frequencies," 13th International Symposium on Medical Information and Communication Technology (ISMICT2019), May 2019.
2. K. Yekeh Yazdandoost, I. Laakso, "RF Field Based Detection of Compartment Syndrome," 13th International Symposium on Medical Information and Communication Technology (ISMICT2019), May 2019.
3. K. Yekeh Yazdandoost, I. Laakso, "Exposure to RF EMF from 5G Handheld Devices," The 13th EAI International Conference on Body Area Networks (BodyNets 2018), October 2018.
4. T. Kumpuniemi, J.-P. Mäkelä, M. Hämäläinen, K. Yekeh Yazdandoost, J. Iinatti, "Human Body Effect on Static UWB WBAN Off-Body Radio Channels," The 13th EAI International Conference on Body Area Networks (BodyNets 2018), October 2018.
5. K. Krhac, K. Sayrafian, M. Alasti, K. Yekeh Yazdandoost, D. Simunic "A Study of Capsule Endoscopy Orientation Estimation Using Received Signal Strength", The 29th Personal, Indoor and Mobile Radio Communications Symposium, PIMRC2018, September 2018.
6. T. Kumpuniemi, J-P Mäkelä, M. Hämäläinen, K. Yekeh Yazdandoost, J. Iinatti "Dynamic UWB Off-Body Radio Channels - Human Body Shadowing Effect", The 28th Personal, Indoor and Mobile Radio Communications Symposium, PIMRC2017, October 2017.
7. K. Yekeh Yazdandoost, "Antenna for Wireless Capsule Endoscopy at Ultra Wideband Frequency", The 27th Personal, Indoor and Mobile Radio Communications Symposium, PIMRC2016, September 2016.
8. K. Yekeh Yazdandoost and R. Muira, "SAR Studies for UWB Implanted Antenna for Brain-Machine-Interface Application", European Conference on Antennas and Propagation, EuCAP2016, April 2016.
9. T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Iinatti " : Human Tissue Type and Volume Effect on the On-Body UWB Antenna Matchings ", International Symposium on Medical Information and Communication Technology, ISMICT 2016, March 2016.
10. I. Dotlic, K. Yekeh Yazdandoost, H-B. Li, R. Miura, "Impulse Radio Ultra-Wideband Antenna Array Correlation Beamforming", The 15th international Conference on Electronics, Information, and Communication, ICEIC 2016, January 2016.
11. A. Stango, K. Yekeh Yazdandoost, D. Farina "Wireless Radio Channel for Intramuscular Electrode Implants in the Control of Upper Limb Prostheses", The 37th Annual International

- Conference of the IEEE Engineering in Medicine and Biology Society, EMBC2015, August 2015.
12. A. Stango, K. Yekeh Yazdandoost, D. Farina "SAR Measurements in Implanted Devices Controlling Upper Limb Prostheses", The IEEE 12th Annual Body Sensor Networks Conference, BSNC2015, June 2015.
  13. T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Linatti "Measurements for Body-to-Body UWB WBAN Radio Channels", European Conference on Antennas and Propagation, EuCAP2015, April 2015.
  14. K. Yekeh Yazdandoost and R. Muira, "Miniaturized UWB Implantable Antenna for Brain-Machine-Interface", European Conference on Antennas and Propagation, EuCAP2015, April 2015.
  15. T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Linatti "Dynamic On-Body UWB Radio Channel Measurements", International Symposium on Medical Information and Communication Technology, ISMICT 2015, March 2015.
  16. K. Yekeh Yazdandoost and R. Muira, "Antenna for Medical Implant Applications at UWB Frequency Band" URSI General Assembly and Scientific Symposium, URSIGASS2014, August 2014.
  17. K. Takizawa, H. Ando, T. Suzuki, M. Hirata, K. Yekeh Yazdandoost, K. Matsushita, "8-GHz Band Implantable UWB Communications for Wireless Brain-Machine-Interfaces", European Conference on Antennas and Propagation, EuCAP2014, April 2014.
  18. K. Yekeh Yazdandoost and R. Muira, "Compact Printed Multiband Antenna for M2M Applications", European Conference on Antennas and Propagation, EuCAP2014, April 2014.
  19. T. Kumpuniemi, M. Hämäläinen, T. Tuovinen, K. Yekeh Yazdandoost, J. Linatti "Radio Channel Modelling for Pseudo-Dynamic WBAN On-Body UWB Links," International Symposium on Medical Information and Communication Technology, ISMICT 2014, April 2014.
  20. K. Yekeh Yazdandoost, R. Miura, "Antenna Polarization Mismatch in BAN Communications" The IEEE MTT-S International Microwave Workshop Series on RF and Wireless Technologies for Biomedical and Healthcare Applications (IMWS-Bio 2013), December 2013.
  21. T. Kumpuniemi, M. Hämäläinen, T. Tuovinen, K. Yekeh Yazdandoost, J. Linatti, "Generic Small Scale Channel Model for On-Body UWB WBAN Communications," The 8th International Conference on Body Area Networks (BodyNets 2013), September 2013.
  22. T. Tuovinen, T. Kumpuniemi, M. Hämäläinen, K. Yekeh Yazdandoost, J. Linatti "Effect of the Antenna-Body Distance on the On-Ext and On-On Channel Link Path Gain in UWB WBAN Applications", The International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 13, July 2013.
  23. K. Yekeh Yazdandoost, "UWB Loop Antenna for In-Body Wireless Body Area Network", European Conference on Antennas and Propagation, EuCAP2013, April 2013.
  24. T. Kumpuniemi, T. Tuovinen, M. Hämäläinen, K. Yekeh Yazdandoost, R. Vuoltoniemi, J. Linatti, "Measurement-Based On-Body Path Loss Modelling for UWB WBAN Communications", International Symposium on Medical Information and Communication Technology, ISMICT 2013, March 2013.
  25. T. Tuovinen, T. Kumpuniemi, K. Yekeh Yazdandoost, M. Hämäläinen, J. Linatti, "Effect of the Antenna-Human Body Distance on the Antenna Matching in UWB WBAN Applications", International Symposium on Medical Information and Communication Technology, ISMICT 2013, March 2013.
  26. T. Tuovinen, M. Berg, K. Yekeh Yazdandoost, M. Hämäläinen, J. Linatti, "On the Evaluation of Biological Effects of Wearable Antennas on Contact with Dispersive Medium in Terms of SAR and Bio-Heat by Using FIT Technique", International Symposium on Medical Information and Communication Technology, ISMICT 2013, March 2013.
  27. K. Yekeh Yazdandoost, "Connected Body" COST IC1004 Special Session on Body Communications, International Symposium on Medical Information and Communication

- Technology, ISMICT 2013, March 2013.
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