

RESUME

PERSONAL INFORMATION

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EDUCATION AND WORKING EXPERIENCE

Sep. 2025 ---- Now Post Doctor in Elmore Family School of Electrical and Computer Engineering, Purdue University, West Lafayette, USA.
Mar. 2023 ---- Sep. 2025 Post Doctor in DMLab of UCLA, Los Angeles, USA.
Apr. 2016 ----Mar. 2023 Senior R&D Engineer in Qualcomm RFFE, Munich, Germany.
Oct. 2011 ----2016 Ph.D Technical University of Munich

Papers:

Li Li, Yuanxun Ethan Wang, " Versatile Modeling of RF Magnetic Devices with FDTD Solution of Maxwell's and LLG Equations", -- waiting for punishment.

Li Li, Yuanxun Ethan Wang, "FDTD Modeling Dynamically Biased Ferrite based Antennas", AP-S/URSI 2025.

Li Li, Yuanxun Ethan Wang, " The FDTD Method for Hybrid Computations of the Maxwell and Linear LLG Equations", AP-S/URSI 2024.

Li Li, Alina Liu, Yuanxun Ethan Wang, "The General PML in FDTD for Ferromagnetic Component Simulations", AP-S/URSI 2024.

Li, L. and Eibert, T. F. (2016). Radial angular singularity cancellation transformations derived by variable separation. IEEE Transactions on Antennas and Propagation, 64(1):189–200.

Li, L., Wang, K., and Eibert, T. F. (2014). A projection height independent adaptive radial-angular-R2 transformation for singular integrals. IEEE Transactions on Antennas and Propagation, VOL. 62, NO. 10, OCTOBER 2014

Li, L., Wang, K., Li, H., and Eibert, T. F. (2014). Analytical finite element matrix elements and global matrix assembly for hierarchical 3-D vector basis functions within the hybrid finite element boundary integral method. Advances in Radio Science, 12:1–11.

Wang, K., Li, L., and Eibert, T. F. (2013). Comparison of compact monopole antenna arrays with eigenmode excitation and multiport conjugate matching. IEEE Transactions on Antennas and Propagation, 61(8):4054–4062.

Wang, K., Li, L., and Eibert, T. F. (2015). Estimation of Signal Correlation of Lossy Compact Monopole Arrays With Decoupling Networks. IEEE Transactions on Antennas and Propagation, 63(1): 357–363.

Li, L., L.J.Jiang, S. Sun, Eibert T. F., W. C. Chew (2016) A novel coordinate transformation based self-coupling computation approach for the method of moments. International Symposium on Antennas and Propagation.

Li L., Wang K., and Eibert T. F. (2015). Derivation of radial-angular singularity cancellation transformations by the variable separation method. International Conference on Electromagnetics in Advanced Applications (ICEAA), Torino, Italy.

Li L., Wang K., and Eibert T. F. (2015). A new family of radial angular transformations for the near-singularity cancellation technique. International Symposium on Antennas and Propagation, Vancouver, Canada.

Li L., Wang K., and Eibert T. F. (2014). A new radial-angular-R2 transformation for singular integrals on triangular meshes. European Conference on Antennas and Propagation, Den Hague, Netherlands.

Wang K., Li L., and Eibert T. F. (2014). A Compact three-port printed diversity array with combined antenna types. International Symposium on Antennas and Propagation, Memphis, U.S.A.

Wang K., Li L., Eibert T. F., and Tooni S. (2013). Equivalent circuits of compact monopole arrays based on scattering parameters. European Conference on Antennas and Propagation, Gothenburg, Sweden.

Wang K., Li L., and Eibert T. F. (2013). A highly compact four-element monopole array with one-layer decoupling and matching network. International Symposium on Antennas and Propagation, Orlando, U.S.A.

Wang K., Li L., C. Schmidt, S. Bonerz, U. Siart, and Eibert T. F. (2012). A coaxial line based propagation channel for wireless communication between rotating machine components. International Symposium on Antennas, Propagation & EM Theory, Xi An, China.

Wang K., Li L., and Eibert T. F. (2014). A decoupling technique based on partially extended ground plane for compact two-port printed monopole antenna arrays. German Microwave Conference (GeMiC), Aachen, Germany.

Wiedenmann O., Li, L., and Eibert T. F. (2014). A direct hierarchical multilevel preconditioner for the solution of finite element-boundary integral equations. European Conference on Antennas and Propagation, Den Hague, Netherlands.

Wang K., Raimund A. M. M., Li L., Eibert T. F. (2015) A highly compact broadband near-edge antenna for low profile communication devices. European Conference on Antennas and Propagation.

Francavilla M. A., Vipiana F., Li, L., and Vecchi G. (2011). An automatic dual-surface approach for the solution of the electric field boundary integral equation in presence of interior resonances. International Symposium on Antennas and Propagation, Spokane, U.S.A.

Quijano, J. L. A., Vecchi, G., Li, L., Sabbadini, M., Scialacqua, L., Bencivenga, B., Mioc, F., and Foged, L. J. (2010). 3D spatial filtering applications in spherical near field antenna measurements. Antenna Measurement Techniques Association (AMTA) 2010 Symposium, October, Atlanta, Georgia, U.S.A.