

Esmaeel Zanganeh

Department of Physics and Engineering
ITMO University

Phone: +7 (911) 288 3632
Email: esmaeel.zanganeh@metalab.ifmo.ru

Education

present–2019 † Ph.D. in Radiophysics, ITMO University, Russia

Thesis Title: Hybrid antennas and structures for wireless Power transfer

2012–2015 MSc in Electrical Engineering / RF, Microwave and Antenna Iran Science and Technology University, Iran

Thesis Title: Analysis, Design, and Simulation of Ferrite-Loaded Microstrip Antennas With Circular Polarization

2008–2012 BSc in Electrical Engineering / Telecommunication University of Zanjan, Iran

Work experience

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| 2017–2019 | Technical support engineer | Fiberhome | Iran |
| 2012–2015 | Research Assistant | Iran University of Science and Technology | Iran |
| 2013–2014 | Teacher Assistant | Iran University of Science and Technology | Iran |

Professional Skills

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| Simulation software | CST, HFSS, COMSOL |
| Programming | MATLAB, Mathematica |

Publications

Journals

- [1] **Esmaeel Zanganeh**, Mahmoud Fallah, Ali Abdolali, and Nader Komjani. "New Approach To Design Dual-Band Frequency Selective Surface Based On Frequency Response Tuning Of Each Individual Layer", Microwave And Optical Technology Letters, Vol.58, No. 6, June 2016.
- [2] Masoud Sharifian Mazraeh Mollaei, **Esmaeel Zanganeh**, and Masoud Feshki Farahani. "Enhancement of patch antenna gain using cylindrical shell shaped superstrate", IEEE Antennas and Wireless Propagation Letters, Vol.16, August 2017.

- [3] Masoud Sharifian Mazraeh Mollaei, **Esmael Zanganeh**, R.heydarian, Fazel Rangriz Rostami, Seyyed Mohammad Pourangha. "Ultra Wide Band Polarization Rotator for Arbitrary Angles with Enhanced Substrate Integrated Waveguide cavities. International Journal of RF and Microwave Computer-Aided Engineering, Vol. 28, October 2018.

Conferences

- [1] Masoud Sharifian Mazraeh Mollaei, R. Heydarian, **Esmael Zanganeh**, Seyyed Hassan Sedighy. "Triple-Bands Ka-Band Frequency Selective Surface Filter with Different Polarized Transmitting Performance in Each Band." 13th European Conference on Antennas and Propagation (EUCAP 2019).