

Stanford

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Postdoctoral Research Fellow, Electrical Engineering

Bio

PROFESSIONAL EDUCATION

- Doctor of Science, Aalto University (2017)

Publications

PUBLICATIONS

- **Tutorial on Electromagnetic Nonreciprocity and its Origins** *PROCEEDINGS OF THE IEEE*
Asadchy, V. S., Mirmoosa, M., Diaz-Rubio, A., Fan, S., Tretyakov, S. A.
2020; 108 (10): 1684–1727
- **Polarization Control with Helical Metasurfaces** *CRYSTALS*
Faniayeu, I., Asadchy, V., Fanyaev, I.
2020; 10 (9)
- **Sub-Wavelength Passive Optical Isolators Using Photonic Structures Based on Weyl Semimetals** *ADVANCED OPTICAL MATERIALS*
Asadchy, V. S., Guo, C., Zhao, B., Fan, S.
2020