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Nota di contenuto	About the Special Issue Editors . vii -- Fei Ding, Patrice Genevet and Sergey I. Bozhevolnyi Special Issue on "Metasurfaces: Physics and Applications" Reprinted from: Appl. Sci. 2018, 8, 1727, doi:10.3390/app8101727 . 1 -- Shiwei Tang, Tong Cai, He-Xiu Xu, Qiong He, Shulin Sun and Lei Zhou Multifunctional Metasurfaces Based on the "Merging" Concept and Anisotropic Single-Structure Meta-Atoms Reprinted from: Appl. Sci. 2018, 8, 555, doi:10.3390/app8040555 . 5 -- Menglin L. N. Chen, Li Jun Jiang and Wei E. I. Sha Orbital Angular Momentum Generation and Detection by Geometric-Phase Based Metasurfaces Reprinted from: Appl. Sci. 2018, 8, 362, doi:10.3390/app8030362 . 23 -- Fei Ding, Yiting Chen and Sergey I. Bozhevolnyi Metasurface-Based Polarimeters Reprinted from: Appl. Sci. 2018, 8, 594, doi:10.3390/app8040594 . 41 -- Na Kou, Long Li, Shuncheng Tian and Yuanchang Li Measurement Matrix Analysis and Radiation Improvement of a Metamaterial Aperture Antenna for Coherent Computational Imaging Reprinted from: Appl. Sci. 2017, 7, 933, doi: 10.3390/app7090933 . 62 -- Na Kou, Haixia Liu and Long Li A Transplantable Frequency Selective Metasurface for High-Order Harmonic Suppression Reprinted from: Appl. Sci. 2017, 7, 1240, doi: 10.3390/app7121240 . 72 -- Xuanming Zhang, Haixia Liu and Long Li Electromagnetic Power Harvester Using Wide-Angle and Polarization-Insensitive Metasurfaces Reprinted from: Appl. Sci. 2018, 8, 497, doi: 10.3390/app8040497 . 81 -- Roman Kubacki, Mirosaw Czyzewski and

Dariusz Laskowski Minkowski Island and Crossbar Fractal Microstrip Antennas for Broadband Applications Reprinted from: Appl. Sci. , 8, 334, doi:10.3390/app8030334 90 -- Amagoia Tellechea, Iñigo Ederra, Ramón Gonzalo and Juan Carlos Iriarte Dispersion Properties of an Elliptical Patch with Cross-Shaped Aperture for Synchronized Propagation of Transverse Magnetic and Electric Surface Waves Reprinted from: Appl. Sci. 2018, 8, 472, doi:10.3390/app8030472 . 99 -- Shuncheng Tian, Haixia Liu and Long Li Design of 1-Bit Digital Reconfigurable Reflective Metasurface for Beam-Scanning Reprinted from: Appl. Sci. 2017, 7, 882, doi:10.3390/app7090882 . 108 -- Jia Ji Yang, Yong Zhi Cheng, Dong Qi and Rong Zhou Gong Study of Energy Scattering Relation and RCS Reduction Characteristic of Matrix-Type Coding Metasurface Reprinted from: Appl. Sci. 2018, 8, 1231, doi: 10.3390/app8081231 . 116 -- Yi Zhou, Rui Chen and Yungui Ma Characteristic Analysis of Compact Spectrometer Based on Off-Axis Meta-Lens Reprinted from: Appl. Sci. 2018, 8, 321, doi:10.3390 /app8030321 . 128 -- Kevin M. Roccapirore, David P. Lyvers, Dean P. Brown, Ekaterina Poutrina, Augustine M. Urbas, Thomas A. Germer and Vladimir P. Drachev Waveguide Coupling via Magnetic Gratings with Effective Strips Reprinted from: Appl. Sci. 2018, 8, 617, doi:10.3390 /app8040617 . 139.

Sommario/riassunto

Metasurfaces, the two-dimensional analog of metamaterials, have attracted progressively increasing attention in recent years due to their planar configurations and, thus, ease of fabrication, while enabling an unprecedented control over optical fields. The phase, amplitude, polarization, helicity, and even angular momentum of the reflected or transmitted optical fields can be controlled at will by tailoring optically thin planar arrays of resonant subwavelength elements arranged in a periodic or aperiodic manner. As a result, numerous applications and fascinating devices have been realized by designed planar metasurfaces, including beam deflectors, wave plates, flat lenses, holograms, surface wave couplers, and freeform metasurfaces. This Special Issue is launched to provide a possibility for researchers in the area of metasurfaces to highlight the most recent exciting developments and discuss different metasurface configurations in depth, so as to further promote practical applications of metasurfaces. There are 12 papers selected for this Special Issue, representing fascinating progress and potential applications in the area of metasurfaces, which is highly recommended and believed to benefit readers in various aspects.

2. Record Nr.	UNINA9910798134203321
Autore	Orlando Marc
Titolo	Training 21st century translators and interpreters : at the crossroads of practice, research and pedagogy // Marc Orlando
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Soggetti	Translating and interpreting - Vocational guidance Translating and interpreting
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Note generali	Description based upon print version of record.
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Nota di contenuto	Acknowledgements; Contents; 1 General introduction; 2 T&I practice, training, pedagogy and research; 3 Training 'practisearchers' to cross the practice/research divide; 4 Future directions; 5 Case studies and examples; 6 Conclusion; Reference list
Sommario/riassunto	<p>Long description: Marc Orlando looks at the gap between practice and research in Translation & Interpreting Studies and at the way this gap could be bridged. He focuses on the way practice and research can inform each other in the education and training of future translators and interpreters, with the aim of training future professionals both as practitioners and researchers in an educational environment that would marry both vocational and academic elements. It is proposed that promoting the status of practisearchers would help to fill the current gap between practitioners, researchers and Translation & Interpreting educators. Suggestions are made concerning ways of undertaking research and gaining new insights into Translation & Interpreting Studies from professional practice and experience, and of designing new didactic tools for education and training from experiential and theoretical knowledge.</p> <p>Biographical note: Dr Marc Orlando is a senior lecturer and the current programme director in Translation & Interpreting Studies at Monash University in Melbourne. He is also an experienced conference</p>

interpreter and translator.
