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Novel Photonic Devices and Techniques

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Message from the Guest Editor

This Special Edition focuses on topics including, but not limited to:

- Agroindustry (plant production, plant protection, food processing, food analysis, sensing techniques, optical spectroscopy breakthroughs, animals, etc.);
- Environment (soil and water pollution sensors, fire detection systems, etc.);
- Medical and biological fields (novel photonic techniques, sensors, etc.)
- Materials and process design (innovative materials for light sources, nonlinear optics, etc.);
- Additive manufacturing (novel photonics materials to be used in 3D Printing);
- Domotics (security, comfort, convenience, energy efficiency sensors, etc.);
- The automotive industry (safety, comfort, convenience, energy efficiency sensors, etc.);
- The aeronautic industry (safety, comfort, convenience, energy efficiency sensors, etc.);
- The radiological field (industrial dosimetry, medical dosimetry, etc.);
- Optical spectroscopic studies (linear and nonlinear optics with potential to develop new photonic devices or techniques);
- Any other scientific or industrial subject related to an innovative photonic device or technique and its potential application.