

## 2018 Awards Recipients

### OSA Fellows



Domenico Bonaccini Calia , *European Southern Observatory, Germany*

*For fostering the development of Photonics in novel astronomical instrumentation, including the field of Laser Guide Star Adaptive Optics with the invention of narrow-band high power Raman Fiber Amplifiers*



Heike Ebendorff-Heidpriem , *University of Adelaide, Australia*

*For groundbreaking science contributions to the field of optical glasses and fibers*



Anne Myers Kelley , *University of California, Merced, USA*

*For innovative work in the theory and practice of resonance Raman and hyper-Raman spectroscopy*



François Légaré , *Institut National de la Recherche Scientifique, Centre Énergie, Matériaux, et Télécommunications, Canada*

*For major contributions to ultrafast molecular imaging, to the development and application of high-power ultrashort infrared lasers including the concept of Frequency domain Optical Parametric Amplification, and the interpretation of nonlinear optical signals from tissues*



Innocenzo Pinto , *University of Sannio, INFN, LVC, and KAGRA, Italy*

*For fundamental contributions to thermal noise reduction in the mirror coatings of the LIGO interferometric gravitational wave detectors, and for original contributions to the science of Electromagnetics*



Gernot Pomrenke , *US Air Force Office of Scientific Research (AFRL/AFOSR), USA*

*For outstanding technical leadership in formulating and advancing the areas of Optical Materials Characterization, Opto-Electronics, Integrated Photonics, Silicon Photonics, Nano-photonics, Metamaterials and Plasmonics*



Nickolas Vamivakas , *University of Rochester, USA*

*For significant contributions to the fields of solid-state quantum optics and nano photonics*