

# **Astrophotonics: when astronomy meets photonics**

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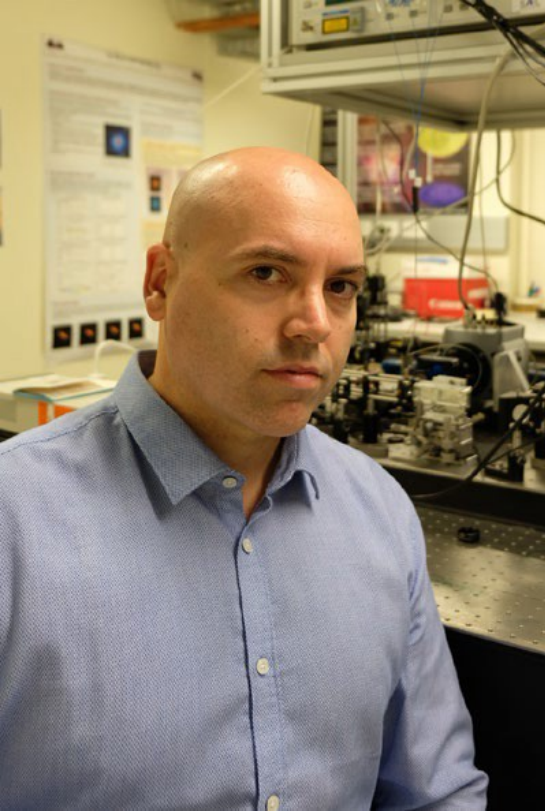
*Abstract (50 words max): this is a Word template for submitting an invited talk information for the Australian and New Zealand Conferences on Optics and Photonics (ANZCOP) 2022. Abstract information will be used for the conference program planning.*

Astrophotonics lies at the interface of photonics and astronomical instrumentation. It aims to enable new kinds of astronomical science or undertake traditional astronomy in more effective ways. The power of photonics and Adaptive Optics, together with the development of new photonic devices, strengthens the case for astrophotonics year by year.

*Biography (100 words max): please write a short biography that will be used for the Conference booklet and pre-talk introduction.*

Sergio Leon-Saval is an Associate Professor at the School of Physics in the University of Sydney where he is now Director of the Sydney Astrophotonics Instrumentation Laboratory (SAIL), and Deputy Director of the Institute of Photonics and Optical Science (IPOS). A/Prof Leon-Saval has more than 16 years of experience in the research area of photonics with breakthrough contributions in the field of specialty optical fibres, astrophotonics and optical instrumentation systems. He is a Senior Member of the Optical Society of America (OSA), and a Council Member of the Australian and New Zealand Optical Society (ANZOS).

*Photo: please insert your favorite portrait-style photo in a reduced size suitable for the web.*



*The document should be saved as a pdf file (removing this sentence) and uploaded by the 15<sup>th</sup> of July 2022 following the abstract submission instructions on the conference website at <https://aip-congress.org.au/submissions.html>*