

## Message from the Editor

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My first encounter with *The Messenger* was in my student years when I was given a research assignment on extremely large telescopes. To this date I vividly remember my fascination with OWL, the Overwhelmingly Large telescope that I read about in *The Messenger* No. 100. It is a great honour for me to be the new editor of this journal, especially now that ESO is well under way to building its Extremely Large Telescope (ELT). I take this opportunity to thank you for your patience with the delay in publishing

the current volume during this transition period. I hope that this special issue — dedicated to ELT's instrumentation — will be as inspiring, in particular to our junior readers, as *The Messenger* No. 100 was for me.

I am looking forward to continuing the traditions of this communications channel to reach out to ESO's astronomical user community with high-quality articles, as well as to feature new content that will spark the curiosity of a broader range of professionals whose interests cross paths with ESO and astronomy. Do not hesitate to submit<sup>1</sup> your ideas for topical contributions showcasing the usage of ESO's various programmes and facilities.

I am indebted to my predecessor Gaiete Hussain for her guidance into the intricacies of *The Messenger*, as well as for steering the journal over the past three years. Gaiete has been a true role model for me and for many colleagues at ESO and beyond. As per the journal's tradition, a composite of all the cover images of *The Messenger* under her direction is shown on p. 59. I am wishing her all the best in her new professional endeavour at the European Space Agency.

### Links

<sup>1</sup> Guidelines for articles in *The Messenger*:  
<https://www.eso.org/sci/publications/messenger/mes-guide.html>

## ESO's Extremely Large Telescope

Welcome  
 to the new online home  
 of the World's Biggest  
 Eye on the Sky.

[elt.eso.org](http://elt.eso.org)



# The Messenger

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ESPRESSO Science Verification  
The VLT-FLAMES Tarantula Survey  
NGTS - Uncovering New Worlds with Ultra-Precise Photometry, Spectroscopy & A View from VMC, Gaia and Beyond  
Magnetic Clouds - Historical Perspectives & A View from VMC, Gaia and Beyond



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The Cherenkov Telescope Array Observatory Comes of Age  
MOONS: The New Multi-Object Spectrograph for the VLT  
The ALPINE-ALMA [CII] Survey



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SPHERE Unveils the True Face of the Largest Main Belt Asteroids  
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A Celebration of GRAVITY Science  
The ESO Summer Research Programme 2019



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The ELT - Where the Secondary Mirror Becomes a Giant  
The PLANESCAN Telescope Results  
Total Solar Eclipse Over La Silla



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The ELT: The Role of the Atacama Cosmology Experiment  
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Riccardo Giacconi (1931-2016)



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Resolving the Interstellar Medium at the Peak of Coenial Star Formation



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Stellar surface imaging with VLTI and ALMA



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MUSE observes gas stripping in galaxies  
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