

Title

ESO Programmes in Ground-Based Astronomy

Speaker

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Abstract

As one of the world's largest organisations for ground-based astronomical research, ESO seeks constantly to develop new cutting-edge facilities allowing member-state astronomers to carry out groundbreaking scientific investigations. Among the new facilities are ALMA - the large mm interferometric array, and the ELT – a new class of giant optical/IR telescope both of which will be sited high in the Chilean Andes. In addition we constantly seek to upgrade and enhance existing capabilities with new detectors, adaptive optics systems, gratings and other specialist components. This talk will give a summary of the ESO programmes and strategies, which extend well into the 2020s.