

Dr. Jean-Gabriel Cuby
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Jean-Gabriel Cuby is a senior astronomer at LAM. He started his career working on instrumentation and his current research interests are in the observation of the high redshift Universe. Dr. Cuby has had extensive experience on forefront ground-based and space projects, boards, committees and leadership positions.

He worked at ESO for 9 years, initially at the headquarters in Garching/Germany and subsequently at the Paranal Observatory, home of the VLT. He was instrument scientist in the early phase of the VLT science operations and subsequently became head of instrumentation. After his time at the VLT, Dr. Cuby worked for many years in the early phases of the ELT development, either as PI of instrumental studies or in various ELT committees.

Dr. Cuby was the PI of numerous observing programmes, including two large ones, at CFHT and at ESO. He has pioneered the use of Narrow Band filters to search for high-redshift Ly- α emitters at redshifts from 6.6 to 8.8. He was the PI of a large programme searching for high redshift quasars over the 150 sq. degrees of the CFHTLS Wide Survey. He is co-lead of the Euclid Primeval Universe Science Working Group. Euclid will be a prime source of Ly- α emitters, Lyman Break Galaxies and Quasars at high-redshift ($z > 7$). Through the mapping of the infrared background, Euclid will also provide constraints on the unresolved populations of high-redshift objects.

Dr. Cuby has a strong track record of contributions to major astrophysical projects. He has been the instrument scientist of the ISAAC instrument at the VLT, PI of instrument studies for the ELT, Co-PI of the MOSAIC instrument for the ELT. He has various responsibilities in the Euclid mission, he leads a French contribution to the DESI spectrographs, and is involved in the Franco-Chinese gamma ray mission SVOM.

Dr. Cuby has chaired and served in many international scientific and review committees at ESO, CFHT, the European Commission, in Canada, etc. He is a frequent referee for several journals and in professional committees. Dr. Cuby has also served in countless national committees and functions, he has been the director of LAM (200 people) for 6 years, and is currently delegate of the French head of astronomy.

Dr. Cuby has published more than 5,000 citations and 60 refereed papers, and he has (co-) supervised 5 PhD students over the past 15 years.