

Project Management Update from Chile



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PMI Santiago Chile Chapter

2017 Cono Sur (Southern Cone) Tour

One of the most interesting events for PMI community is the Southern Cone Tour, which will take place on Wednesday, November 15 at Casapiedra expo and convention facility, Vitacura, Santiago.

Certainly this year will be very special because PMI Santiago Chile Chapter turns twenty years, and this congress, the most important of Chile in Project Management will not be absent from this celebration.



From now on we invite you to participate in this celebration in the Southern Cone Tour, postulating topics in the Call for Paper, attending the congress, participating in the various auspices, promoting your attendance and above all by getting involved with the various activities and benefits that we will continue to communicate According to the development of this great event.

For more information, please visit www.pmi.cl ; contact by telephone at +56 2 2481 4060 or by email to pmi@pmi.cl.

Breakthrough telescope to be built in Chile

Scientists announced this month that a consortium of U.S., German and Canadian academic institutions led by Cornell University will begin construction of Cerro Chajnantor Atacama Telescope-prime (CCAT-p), a unique and powerful telescope capable of mapping the sky at submillimeter and millimeter wavelengths.

The 6-meter aperture telescope, slated for completion in 2021, will be located near the summit of Cerro Chajnantor in the Atacama Desert in Chile. It will give unprecedented insights into how stars and galaxies form, what lit up “cosmic dawn” – the time a few hundred million years after the Big Bang when the first stars were born – and the formation and dark-energy-driven expansion of the universe. The telescope’s novel optical design, high-precision mirrors and high-altitude location (over 18,000 feet) will establish the CCAT-p telescope as a premiere facility for astrophysics and cosmology research.



The siting of the telescope at such a high elevation, in such a dry place, will prevent water molecules in the Earth’s atmosphere from impeding the detection of submillimeter radiation, allowing routine observations at these wavelengths. The telescope location and design will also allow observations of about 80 percent of the sky through all seasons.

CCAT-p is being constructed by Vertex Antennentechnik GmbH of Duisburg, Germany. The CCAT corporation, is a partnership of Cornell, the German Universities of Cologne and Bonn, and the Canadian Atacama Telescope Consortium, a consortium of Canadian academic institutions. Faculty and staff at several other institutes in the U.S., Canada, Chile and Germany are also involved in science planning and instrumentation development.

The telescope will open the highest frequency radio windows accessible from the ground to study, among other things, the detailed physics of star formation in the Milky Way and the local universe. Jürgen Stutzki of the University of Cologne noted: “The

innovative design of the telescope, enabled by the high-tech capabilities of the German company building the telescope and its location at an extreme altitude, enables breathtaking new science blocked at lower altitudes. CCAT-prime will also be an essential platform to deploy new quantum detectors at the cutting edge of physics developed at Cologne, which enable ultra-sensitive observations.”

The innovative telescope design can dramatically improve measurements of polarized signals that may contain “fingerprints” from the time of inflation, a trillionth of a trillionth of a second after the Big Bang. With CCAT-p, scientists will be able to make direct measurements of galaxy cluster motions under the influence of dark matter and dark energy; study how galaxies and galaxy clusters first evolved; and study the properties of neutrinos, some of the lightest known fundamental particles.

Source: Linda B. Glaser <http://www.news.cornell.edu/stories/2017/04/breakthrough-telescope-be-built-chile>

Chile’s Codelco sets up lithium subsidiary

Chile’s Codelco, the world's biggest copper producer, is moving forward with its plans to tap into the booming lithium industry by creating Salar de Maricunga S.A., a subsidiary that is expected to help speed up the approval of legislation that allows the exploration and exploitation of the country’s vast deposits of the silver-white metal.

Setting up the new company, with an initial capital of \$286,000, is part of Chile’s broader plan conceived by the National Lithium Commission to further develop the country’s lithium sector, which includes opening it to foreign companies.

Chile is the world's second-largest producer of the metal, which has become an irreplaceable component of rechargeable batteries used in high tech devices and electric cars.



The country contains half of the world’s most “economically extractable” reserves of the metal, according to the US Geographical Survey (USGS). It is also the world’s lowest-cost producer, thanks to an efficient process that makes the most of the country’s climate. Demand for the commodity, frequently referred to as “white petroleum,” has been rising as of late, which in turn has caused prices to more than double in the past 18 months.

Source: <http://www.mining.com/chiles-codelco-sets-up-lithium-subsiary/>

About the Author



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Jaime Videla, PMP, is the Managing Director for PMOChile a project management consultant firm based in Santiago, Chile. He is also senior partner of Accufast, a company provides material takeoff estimating services and engineering projects in Chile. Mr. Videla has 25+ years of project management experience leading utilities, mining and industrial projects (totaling US\$222 millions) for large multinational companies like Siemens and ABB, or as a consultant for BHP and Anglo American. Jaime is a certified Project Management Professional (PMP®) since 2007, has formal studies in Civil Engineering from Universidad de Chile. He has professional experience working/training in Argentina, Brazil, Chile, Colombia, Germany, Mexico and Peru. Since 2006 has been an active member of the Project Management Institute (PMI®), assuming the role of director and vice president of communications and publicity of the PMI Santiago Chile Chapter in 2010. His areas of activity today include PMO development; contracting, claim, risk and project management services; project management training and coaching. Author of the e-book “Los 7 pasos para salvar un proyecto (The 7 steps to project recovery)”, he also writes about project management themes on PMOChile blog. In addition, he works as volunteer at Fundación Trascender, an innovative institution that manages a network of volunteer professionals through social projects. Jaime Videla is fluent in English, Portuguese and Spanish, lives in Santiago and can be contacted at jvidela@pmochile.com.