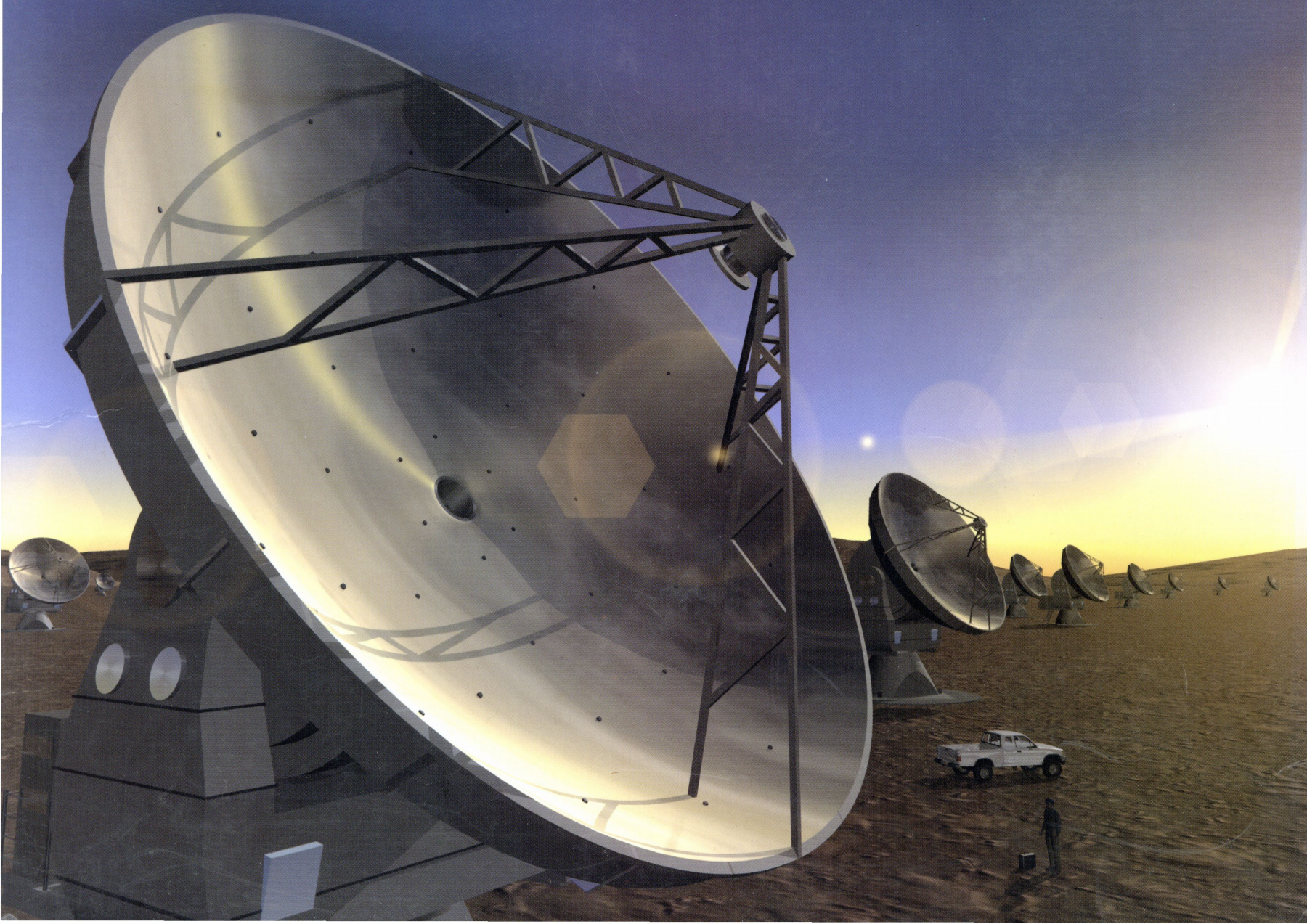


ALMA

GROUNDBREAKING CEREMONY

November 6, 2003 - San Pedro de Atacama - Chile



ALMA GROUNDBREAKING CEREMONY

San Pedro de Atacama, Chile

NOV. 4 TO 6, 2003

PROGRAMME

November 4	14.00 hrs	<i>Bus departs from Hotel Acacias- destination Santiago Airport</i>
	16.10 hrs	Flight LAN #352 to Calama
	18.15 hrs	Arrival in Calama/Airport <i>special land crew (blue t-shirt) will board your ALMA labelled luggage to buses at the hotel, our land crew will take the luggage to your room, please make sure you check-in with your passport # and credit card number</i>
	19.00 hrs	Bus to Hotel: 1 to Park Plaza Calama 1 to Aguas del Desierto <i>buses will be signaled for easy identification</i> Arrival at Hotels Evening is free
November 5	8.00 hrs	Departure to site by bus
	10.00 hrs	Arrival at OSF Refreshments on site 1. Disclaimer signature and car assignment <i>for those opting to visit Chajnantor at 5.000 m/ 16.500 ft</i> 2. Bus touring San Pedro de Atacama <i>for those not visiting Chajnantor</i>
	11.00 hrs	Departure towards Chajnantor
	11.15 hrs	Departure Tourism Bus
	12.00 hrs	Arrival at Chajnantor
	13.00 hrs	Return by Paso de Jama road
	14.30 hrs	Both groups meet at OSF for Lunch
	16.00 hrs	Return to Calama via the Moon Valley
	20.45 hrs	bus to pick-up Aguas del Desierto guests for evening Cocktail
	21.00 hrs	Cocktail at Park Calama Hotel
November 6	9.30 hrs	Departure to OSF
	11.30 hrs	Arrival at OSF, cocktail and visit
	12.30 hrs	Ceremony
	13.30 hrs	Lunch
	15.15 hrs	Departure to Airport
	17.15 hrs	Arrival at Calama Airport
	18.00 hrs	Departure Charter to Antofagasta, final destination Santiago
	18.00 hrs	Departure Lan Chile flight #353 to Santiago

AS THE PROGRAMME IS VERY TIGHT- WE WOULD APPRECIATE ARRIVING ON TIME TO ALL EVENTS


<i>Last Name</i>	<i>Name</i>	<i>Position</i>
Alloin	Danielle	Science Director, ESO Santiago
Astudillo	Ibar	Office of the Archbishop of Antofagasta
Balbontín	Fredy	Regional Director, Planning, Ministry of Public Works, Antofagasta
Barón	Ana María	Anthropologist, San Pedro de Atacama
Barrera	Luis	Director, Astronomy Institute, Universidad Católica del Norte
Bazzurro	Pablo	CONICYT
Berna	Sandra	Mayor of San Pedro de Atacama
Booth	Roy	ALMA Board Member, Onsala Space Observatory
Bracamonte	Erich	Highway and Roads Regional Authority
Bronfman	Leonardo	ALMA Board Member for Chile, Universidad de Chile
Brownfield	William	Ambassador of the United States of America
Bustón	Luis	Atacama Community Council
Carty	Arthur	President, National Resource Council of Canada
Cernicharo	José	ALMA Board for Spain
Cesarsky	Catherine	ALMA Board Member, Director General, European Southern Observatory
Chaves	Paulo	Minister Counselor, Embassy of Portugal
Colque	Eduardo	President of the Indigenous Atacama Machuca Community
Contreras	Juan Pablo	Regional Director, CONAF
Corbett	Ian	Administrator, ESO
Correa	Antonio	Astronomy Department, Ministry of Foreign Affairs
Cortez	Liliana	Office for Indigenous Affairs, CONADI
Credland	John	AMAC Chairman, ESA/ESTEC, Netherlands
Cruz	Wilfredo	President, Indigenous Atacama Community of Toconao
Cruz	Antonio	President, Indigenous Atacama Community of Camar
D'Etigny	Enrique	CONICYT
de la Torre	Patricia	Regional Director, CONAMA
Diamond	Phil	NRAO VC Chair, Jodrell Bank Observatory
Díaz	María Isabel	Attorney at Law, NRAO

Dickman	Ineke	Accompanying Guest
Dickman	Robert	Vice President, ALMA Board, National Science Foundation
Donahue	Patrick	Vice President, AUI
Emerson	Darrel	Head NRAO ALMA Division
Eschwey	Jorg	Site IPT Manager, ESO/Antofagasta
Escobar	Mario	Congressman II Region
Espindola	Jorge	Atacama Community Council
Ezaquirre	Juan José	Attorney at Law, ESO
Fuenzalida	Jorge	Antofagasta, Army Head
Gálvez	Luis	Head of Police, Antofagasta
Garay	Guido	Astronomy Director, FONDAP
Giacconi	Riccardo	ALMA Board Member, President, AUI
Gieren	Wolfgang	Universidad de Concepción
Gilmozzi	Roberto	Director, ESO Paranal Observatory
Giroux	Bernard	Ambassador of Canada
Gómez	Gabriela	Administration, Ministry of Public Assets
Gutiérrez	Manuel	Regional Authority, Planning
Hardy	Eduardo	AUI/NRAO Representative in Chile
Held	Charles	Ambassador of Switzerland
Hernández	Carlos	President, Indigenous Community of San Pedro de Atacama
Hernando	Marcela	Regional Director, Ministry of Health
Herrera	Gustavo	National Service of Tourism, Environmental Impact Analyst
Hesser	James	Director, Dominion Astrophysical Lab.
Hofstadt	Daniel	ESO Representative in Chile
Hoshino	Kinichi	Cameraman, UN Limited
Illanes	Esteban	Public Relations Officer, ESO Santiago
Imaizumi	Ayako	Producer/Director UN Limited
Infante	Leopoldo	Director Astronomy Department, P. Universidad Católica de Chile
Insulza	José Miguel	Minister of the Interior

Ishiguro	Masami	Accompanying Guest
Ishiguro	Masato	NAOJ, Osawa, Mitaka
Kurz	Kathleen	Accompanying Guest
Kurz	Richard	ALMA European Project Manager
Lo	Fred	Director, NRAO
Lueje	Patricia	US Embassy/ Security Officer
Maizares	Robert	President of the Indigenous Atacama Community of Sequitor
Manríquez	Rubén	Regional Authority for the Ministry of Health
Mardones	Diego	SAC for Chile, Universidad de Chile
Maza	José	Universidad de Chile
Medves	George	Engineer
Mella	Juan	ALMA Safety Officer
Melnick	Jorge	Director, ESO/ La Silla
Miranda	Hugo	San Pedro City Hall Secretary
Miyama	Shoken	NAOJ, Osawa, Mitaka
Molina	Jorge	Intendent of Antofagasta
Montecinos	Guillermo	Lieutenant Colonel
Nijenhuis	Hinkinus	Ambassador of Holland
Nishijima	Fusahiro	Cameraman, UN Limited
Novoa	Laura	Attorney at Law, ESO
Nyman	Lars-Ake	Site Testing, ESO/ Santiago
Paya	Ana María	Administrator, ESO Santiago
Peña	Daniela	Attorney at Law, NRAO
Peralta	Claudio	Attorney at Law, National Agricultural and Livestock Service
Pilleux	Mauricio	Business Manager, NRAO/ Chile
Pizarro	Cristián	Governor of Antofagasta
Pizarro	Alejandro	Regional Authority, Minsitry of Agriculture
Plaza	Hernán	Atacama Community Council
Plaza	Sara	President , Indigenous Atacama Peine Community

Plaza	Edilia	<i>President, Indigenous Atacama Socaire Community</i>
Poblete	Tomás	<i>General Manager, CASA DE DON TOMAS</i>
Pozo	Jaime	<i>Rector, Universidad de La Serena</i>
Prieto	Jose Miguel	<i>Maritime Governor of Antofagasta</i>
Quintana	Hernán	<i>P. Universidad Católica de Chile</i>
Radford	Simon	<i>Site IPT Manager, NRAO</i>
Rafal	Marc	<i>ALMA Project Manager, NRAO</i>
Ramírez	Amelia	<i>Universidad de La Serena</i>
Ramos	Feliz	<i>President, Indigenous Atacama Solor Community</i>
Regojo	Hugo	<i>First Secretary, Embassy of Spain</i>
Resch	Paul	<i>Minister Counselor, German Embassy</i>
Reyes	Wilson	<i>President , Indigenous Atacama Community Council</i>
Richer	John	<i>ASAC Chairman, MRAO - Cavendish Laboratory</i>
Rivera	Roberto	<i>Site testing, ESO/ Antofagasta</i>
Riveros	Luis	<i>Rector, Universidad de Chile</i>
Rodríguez	Cristián	<i>Administration, Ministry of Public Assets</i>
Rodríguez	Hernán	<i>Regional Authority Housing</i>
Rogers	Rolando	<i>Senior Manager, GEMINI</i>
Ruiz	Teresa	<i>Director Astronomy Department, Universidad de Chile</i>
Saavedra	Sergio	<i>Director II Region, National Tourism Service</i>
Saball	Paulina	<i>Undersecretary, Ministry of Public Assets</i>
Sakamoto	Seiichi	<i>NAOJ, Osawa, Mitaka</i>
Salazar	Patricio	<i>Capitan Assistant to the Superintendent of Antofagasta</i>
Sánchez	Mabel	<i>Regional Authority for the Ministry of Education</i>
Sanhueza	Pedro	<i>Environmental Consultant</i>
Schilke	Peter	<i>APEX, Project Scientist, Max-Planck Institute für Radioastronomie</i>
Schreier	Ethan	<i>Vice President, AUI</i>
Segovia	Francisco	<i>Governor, El Loa</i>
Serrano	Xaviera	<i>Executive Assistant, NRAO Santiago</i>

Shaver	Peter	APEX, ESO/Garching
Shibasaki	Jiro	Counselor, Embassy of Japan
Smith	Malcolm	Director, Cerro Tololo Interamerican Observatory
Solís	Mirta	San Pedro City Hall
Sótero	Armella	President, Indigenous Atacama Community of Talabre
Soto	Marco	Regional Director, National Water Service
Sudo	Keitaro	NAOJ, Osawa, Mitaka
Tanimoto	Shigeru	NAOJ, Osawa, Mitaka
Tarenghi	Massimo	ALMA Director
Terán	Francisco	President, Indigenous Atacama Community of Rio Grande
Valdés	Sergio	Head of Cabinet, Antofagasta Intendency
Van Citters	Wayne	Director, Division of Astronomical Sciences, The National Science Foundation
Van der Kruit	Cornelia	Accompanying Guest
Van der Kruit	Piet	President, ALMA Board, Director, Kapteyn Astronomical Institute
Van Dishoeck	Ewine	ESAC
Vanden Bout	Paul	Joint Alma Office, NRAO
Velásquez	Sergio	Superintendence of the II Region
Vera	Eduardo	Director Programme Access Nova, Universidad de Chile
Vera Soto	Guillermo	Bishop, Apostolic Prelature of Calama
Vicencio	Mauricio	Regional Authority, Ministry of Mining
Vilca	Tomás	President, Indigenous Atacama Community of Coyo
Villanueva	Raúl	Site Consultant, ESO/Antofagasta
Vinogradoff	Philippe	Counselor, Embassy of France
Viveros	Enrique	Telecommunications SEREMI
Watanabe	Hiroki	Staff Writer, Kyodo News
Watnik	Eric	US Embassy/PAO press
Wells	Gregory	US Embassy/Economic and Political Officer
Wilkinson	Richard	Ambassador of the United Kingdom
Winter	Luis	Ambassador, Director of Special Policies, Ministry of Foreign Affairs

	<i>Wooten</i>	<i>Alwyn</i>	<i>ALMA Project Scientist for North America</i>
	<i>Ziarez</i>	<i>Eva</i>	<i>Atacama Community Council</i>
	<i>Zulantay</i>	<i>Marcela</i>	<i>Regional Authority, Ministry of Public Assets</i>



ALMA GROUNDBREAKING CEREMONY
November 6, San Pedro de Atacama, Chile

Dear Invited Guest,

Welcome. In this folder you will find the following information:

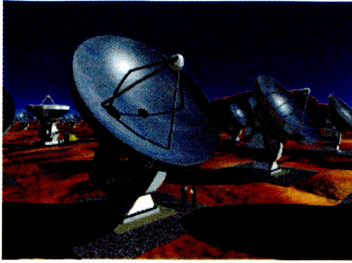
- *Bag tags to identify your luggage when arriving in Calama and to be used in all your hand luggage*
- *An ALMA button that we ask you use upon departure at the Santiago Airport and upon arrival at the Calama Airport. This is for easy identification of the organizing crew.*
- *Please use the button at all times.*
- *An ALMA brochure for your information*
- *An updated programme*
- *The High Altitude Fact Sheet and the Disclaimer for the ALMA site visit at Chajnantor (5.000 m/16.500 ft)*
- *A list of attendees*

Upon arrival at the Calama Airport, our team (blue t-shirts) will help you with your luggage and boarding buses.

For your information, I will be available at Hotel Park Plaza Calama at all times, if you need anything or require help in Spanish, please do not hesitate to call me at 09 842-1311.

Wishing you a pleasant visit,

Andrea
Andrea Lagarini
Coordinator



Atacama Large Millimeter Array

ALMA GROUNDBREAKING CEREMONY, November 6, San Pedro de Atacama, Chile

DISCLAIMER

ALMA is located at high altitude 16.500 ft (5000 m). At this elevation your mental capabilities and judgment due to low oxygen may generate potentially hazardous health conditions. If you experience any of the following symptoms, please inform ALMA personnel immediately: severe headache, dizziness, extreme fatigue, nausea, breathlessness, ringing or blocking of ears, heart pains, and acute muscular pains.

Considering the above information please carefully read and sign this *Waiver Release Form*, before attending any activity of the ALMA program:

1. I acknowledge and agree to abide by all safety information provided to me by ALMA personnel. I understand the potential hazards and the possible harmful effects of altitude. I confirm that to the best of my knowledge I do not suffer from any illness which would render my stay in the specific conditions of the Site (altitude, atmospheric conditions) hazardous. I accept that ALMA shall not be held responsible for any adverse effects to me resulting from my visit;
2. I acknowledge to have read the "High Altitude Fact Sheet" attached;
3. I release ALMA, its officers, directors, independent contractors and agents, all recourse, proceedings, claims and causes of action of any kind, in reference to all personal injuries or property losses which I may suffer participating or attending a visit, program, or activity, to which I have been invited in writing, and to which I have verbally, or confirmed in writing my wish to attend;
4. I acknowledge and agree that this *Waiver Release Form* is binding on myself, my successors, personal representatives and delegates;
5. In case of an accident or sudden illness, and if I am not able to make a decision myself, I authorize the ALMA Director or the person to whom he has delegated this authority to take all required emergency measures as possible – after consultation with the appropriate medical services.

Name: _____ Passport Number: _____

Address: _____ Telephone: _____

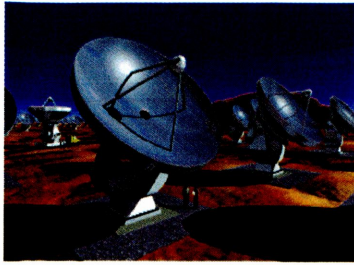
In case of an accident/emergency, please notify:

Name: _____

Relationship: _____ Phone: _____

email: _____

SIGNATURE: _____ **DATE:** _____



Atacama Large Millimeter Array

High Altitude Fact Sheet

There are inherent risks in traveling at high altitude. This text is designed for general information only, and is not a substitute for specific training or experience and does not constitute a clinical document.

Welcome

When visiting the ALMA project site, you should be prepared to recognize and respond to the symptoms of altitude illness caused by the lower level of oxygen available at high elevations. The human body can adjust to changes in altitude, by the process called acclimatization.

The ALMA Operations Support Facility (OSF) is located at an elevation of 2,900 m (9500 ft), where the Groundbreaking Ceremony of November 6 will take place. If your travel plans include visiting the Array Operation Site (AOS) on November 5, which is located at an elevation of 5,000 m (16500 ft), you should be aware of the symptoms of Acute Mountain Sickness.

Each person has their own "acclimatization line." Below it you probably won't experience altitude illness, but going above it causes symptoms to begin.

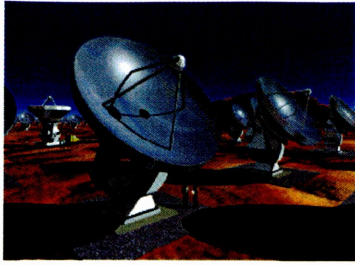
Prevention

The simplest way to avoid or reduce the symptoms of altitude illness is to *ascend slowly* to give your body time to become accustomed to changes in oxygen concentration. It's also important to increase your fluid intake to counteract symptoms of dehydration induced by dry mountain air and increased respiratory rate. *Sufficient bottled water will be provided.* Spending a night at an altitude of 7920 feet or 2400 m (Calama) might help your body adjust.

Recommendations

Symptoms of altitude illness occur during ascent, not descent. If you or a member of your party becomes ill during ascent, you should always assume the problem is due to altitude illness and act accordingly.

Avoid using alcohol or any unnecessary medications, since their effects may be increased at high altitudes. Sleeping pills, tranquilizers and narcotic-based pain relievers, in particular, can cause serious problems at high altitudes because they can decrease breathing rate. Consult with your health care provider about any medications you plan to bring with you.



Atacama Large Millimeter Array

Types of Altitude Illness

Acute mountain sickness (AMS) may include one or many of the following:

- headache
- insomnia
- irritability
- dizziness
- muscle aches
- fatigue
- loss of appetite
- nausea or vomiting
- swelling of the face, hands and feet

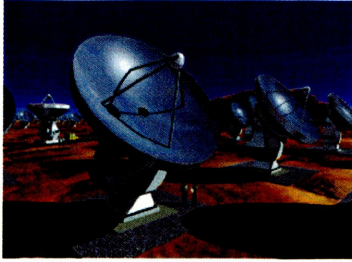
If you experience mild AMS symptoms, limit your activity level. If appropriate for your medical status, aspirin or ibuprofen can be used for headache. If symptoms become worse during the visit, it is very important to descend until you begin to improve.

Consult your health care provider or travel medicine specialist for specific recommendations about prevention and treatment.

High Altitude Cerebral Edema (HACE) can be thought of as a worsening of AMS symptoms, with the addition of changes in consciousness and/or a loss of coordination as intracranial pressure increases. Those affected may appear confused and begin to stumble or stagger. They can have severe headaches and incapacitating fatigue. This is a dangerous form of altitude illness. *It is crucial for the victim to descend and receive drug and oxygen treatment.* Watch each other for symptoms, since victims may be unable to grasp the problem. People who have experienced HACE should not visit the high site.

High Altitude Pulmonary Edema (HAPE) is a buildup of fluid in the lungs that can occur along with HACE or as a separate illness. Those affected will be breathless and very tired when walking, and have a sense of fullness or pressure in the chest. Eventually victims will be short of breath even while resting. *Victims must be guided back down and receive drug and oxygen treatment as soon as their illness is recognized as HAPE.*

The ALMA paramedics will be available at all times.



Atacama Large Millimeter Array

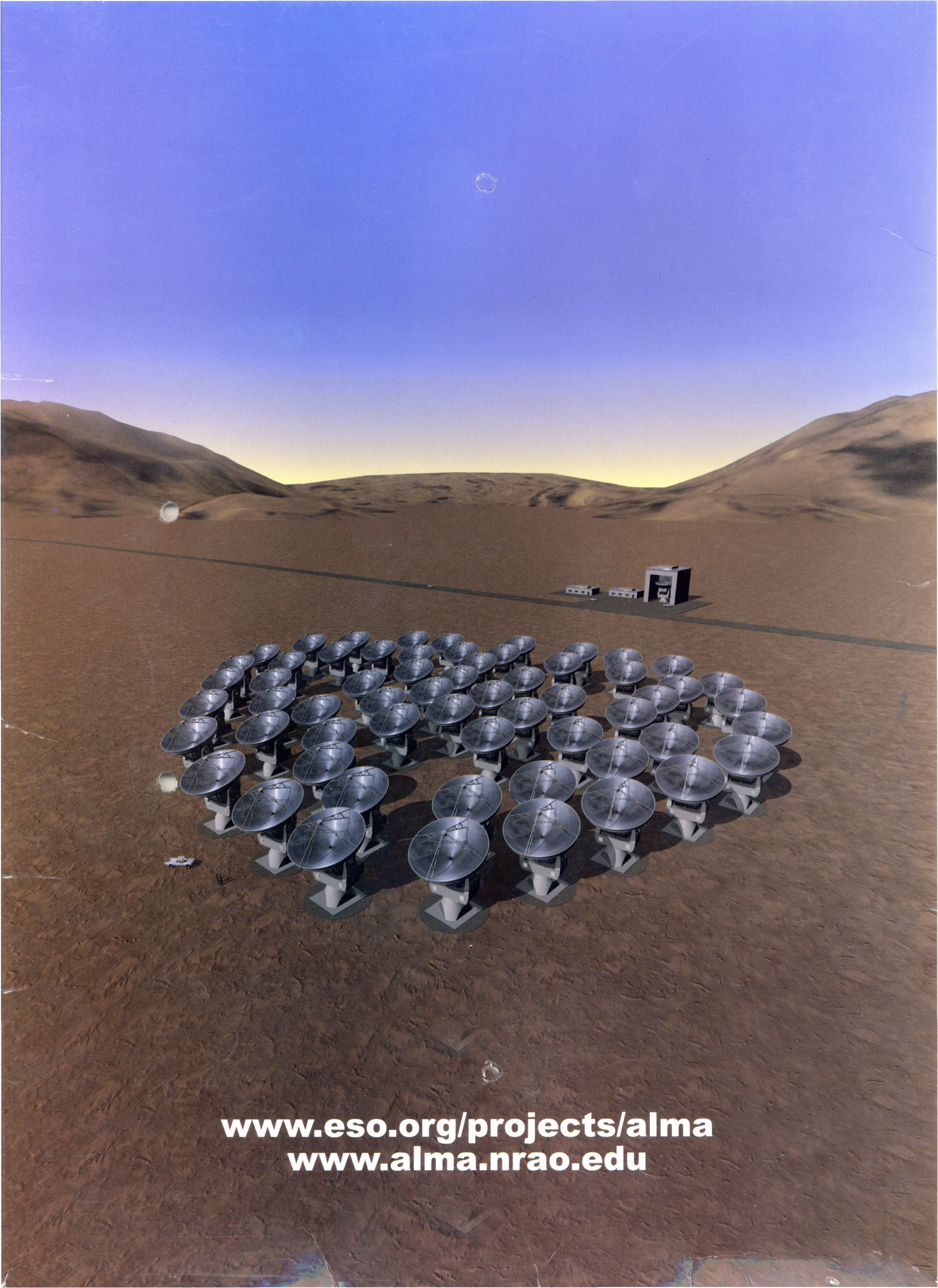
Danger signs include severe headache, extreme fatigue or breathlessness (especially while resting), and any neurological problems such as stumbling, confusion, poor judgment or changes in consciousness.

It is crucial to descend until symptoms begin to diminish if these signs are present.

Health Conditions

There is a good chance that those who have had altitude illness once will have it again at high elevations. If you have had altitude problems previously, if you have heart or lung problems, or if you are planning to go to extremely high altitudes, consult your health care provider to discuss your options for prevention and treatment of illness. We want your visit to be pleasant.

For additional information, please refer to: <http://www.princeton.edu/~oa/files/altitude.pdf>



www.eso.org/projects/alma
www.alma.nrao.edu