

"Antarctica – Witness to the Past and Guide to the Future"

Detailed Agenda 3rd August

03-ago Tuesday - Plenary					Time
8:00	12:00	Opening Plenary Session - Gran Salon Panamericano			
From	To	Title			Speaker
8:00	8:40		COFFEE/TEA		0:40
8:40	9:00		WELCOME AND INTRODUCTION TO THE CONFERENCE	Sergio Marensi, Carlota Escutia, John Priscu, Mike Sparrow	0:20
9:00	9:45		WEYPRECHT LECTURE "ANTARCTIC ASTRONOMY"	John Carlstrom	0:45
9:45	10:30		ANTARCTIC SCIENCE LECTURE "THE GLOBAL INFLUENCE OF THE SOUTHERN OCEAN"	Steve Rintoul	0:45

COFFEE BREAK (1030-1100)

11:00	11:30		ANTARCTIC CLIMATE CHANGE AND THE ENVIRONMENT (ACCE)	John Turner	0:30
11:30	12:00		UPPER CRETACEOUS MARINE PALEOENVIRONMENTAL CHANGES IN THE JAMES ROSS BASIN, ANTARCTICA, AND THEIR CORRESPONDING FOSSIL RECORD: BIOGEOGRAPHIC AND PALEOCEANOGRAPHIC IMPLICATIONS	Eduardo Olivero	0:30

LUNCH (1300-1430)

POSTER SESSION/COFFEE					
Authors in attendance					
Salon Los Jardines: S2,S12,S19,S20,S25,S26,S34,S38,S39					

03-ago Tuesday - Parallel Sessions					Time	
16:00	17:40	Session Theme: I	Room: Parana A	S2: Coupling of the lower, middle and upper atmosphere	Session Chair: Gabriela Lakkis	1:40
From	To	Title			Speaker	
16:00	16:30	Keynote	AIM: A SURVEY OF POLAR MESOSPHERIC CLOUDS OVER ANTARCTICA	Kim Nielsen	0:30	
16:30	17:00	Keynote	STRATOSPHERE-TROPOSPHERE EXCHANGE AND THE PROGRAM FOR THE ANTARCTIC SYOWA MST/ IS RADAR (PANSY)	Takashi Yamanouchi	0:30	
17:00	17:20	Oral	INTERHEMISPHERIC DYNAMICAL COUPLING TO THE ANTARCTIC MESOSPHERE AND LOWER THERMOSPHERE	Robert Vincent	0:20	
17:20	17:40	Oral	THE SEASONAL CYCLE OF STRATOSPHERE-TROPOSPHERE COUPLING AT SOUTHERN HIGH LATITUDES ASSOCIATED WITH THE SEMI-ANNUAL OSCILLATION IN SEA-LEVEL PRESSURE	Thomas J. Bracegirdle	0:20	
16:00	18:00	Session Theme: II	Room: Bosques	S19: Southern Ocean circulation and the global climate system	Session Chair: Mauricio Mata	2:00
From	To	Title			Speaker	
16:00	16:30	Keynote	BIPOLAR ATLANTIC THERMOHALINE CIRCULATION – BIAC	Sven Østerhus	0:30	
16:30	17:00	Keynote	SUBDUCTION RATES IN THE SOUTH ATLANTIC OCEAN FOR DIFFERENT CLIMATIC PERIODS	Ilana Wainer	0:30	
17:00	17:20	Oral	PROPERTIES, VENTILATION AND CIRCULATION OF SUBANTARCTIC MODE WATER AND ANTARCTIC INTERMEDIATE WATER IN THE SOUTH PACIFIC DURING THE LAST GLACIAL MAXIMUM FROM NCAR-CCSM3	Corinne Hartin	0:20	
17:20	17:40	Oral	THE EFFECT OF THE WEDDELL-SCOTIA CONFLUENCE ON THE REGIONAL DISTRIBUTION OF EUPHAUSIA SUPERBA CALYPTOPES LARVAE	Enrique R. Marschoff	0:20	

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17:40	18:00		Oral	OCEAN BOTTOM PRESSURE VARIATIONS AT THE ANTARCTIC DIVERGENCE ZONE OFF LUTZOW-HOLM BAY, EAST ANTARCTICA	Kazuo Shibuya for Hideaki Hayakawa	0:20
16:00	17:40	Session Theme: III	Room: Buenos Aires	S26: Organisms - biogeochemical indicators of environmental change	Session Chairs: Lee Stanish, Diane Mcknight, Jenny Baeseaman	1:40
From	To	Title			Speaker	
16:00	16:30		Keynote	CORSACS: CONTROLS ON ROSS SEA ALGAL COMMUNITY STRUCTURE	Giacomo DiTullio	0:30
16:30	17:00		Keynote	HUMAN IMPACTS IN ANTARCTIC PENINSULA COASTAL ZONES :THE CASE STUDY OF POTTER COVE, SOUTH SHETLAND ISLANDS	Emilien Pelletier	0:30
17:00	17:20		Oral	MACRO-SCALE SPATIAL DISTRIBUTION OF MICROBIAL PLANKTONIC ORGANISMS IN SW ATLANTIC AND ANTARCTIC CONTRASTING MARINE SYSTEMS	Viviana Andrea Alder	0:20
17:20	17:40		Oral	PERSISTENT ORGANIC POLLUTANTS (POPS) IN ANTARCTICA: PAST, PRESENT AND FUTURE	Jose Sericano	0:20
16:00	18:00	Session Theme: IV	Room: Rio Colorado	S34:Long term data from Antarctic ecosystems	Session Chairs: W. Berry Lyons and Gabriela Eguren	2:00
From	To	Title			Speaker	
16:00	16:30		Keynote	LONG TERM ECOSYSTEM RESEARCH: AN ENVIRONMENTAL OBSERVATION SYSTEM IN THE DRY VALLEYS, ANTARCTICA	Diana Wall	0:30
16:30	17:00		Keynote	SPATIAL VARIATIONS IN THE GEOCHEMISTRY OF GLACIAL MELT-WATER STREAMS IN THE TAYLOR VALLEY, ANTARCTICA	W. Berry Lyons	0:30
17:00	17:20		Oral	SPATIAL PATTERNS OF SELECTED METALS AT MCMURDO STATION, ANTARCTICA	Andrew Klein	0:20
17:20	17:40		Oral	TIME-SERIES MULTI-SHIPS OBSERVATION IN THE INDIAN SECTOR OF THE ANTARCTIC OCEAN DURING THE IPY 2007-2008 CAMPAIGN, -OVERVIEW OF INTERNATIONAL COLLABORATION IN LONG-TERM OBSERVATION-	Mitsuo Fukuchi	0:20
17:40	18:00		Oral	LICHENS AT WORK: CONTINUOUS ONLINE MONITORING OF LICHEN ACTIVITY ACROSS ANTARCTICA USING THE MONIDA-PAM SYSTEM	Leopoldo G. Sancho	0:20
16:00	18:00	Session Theme: I (group 2)	Room: Parana B	S12: Magnetic studies of the Antarctic	Session Chairs: Marta Ghidella, Ralph von Frese, Fausto Ferraccioli	2:00
From	To	Title			Speaker	
16:00	16:30		Keynote	WORLD DIGITAL MAGNETIC ANOMALY MAP ON SOUTHERN HEMISPHERE	Juha V. Korhonen	0:30
16:30	17:00		Keynote	AIR AND SHIPBORNE MAGNETIC SURVEYS OF THE ANTARCTIC INTO THE 21ST CENTURY	Alexander Golynsky	0:30
17:00	17:20		Oral	CRUSTAL MAGNETIC ANOMALIES OF THE WILKES LAND IMPACT BASIN	Ralph von Frese	0:20
17:20	17:40		Oral	MAGNETIC ANOMALY DATA FROM A REGIONAL SURVEY: FROM TIERRA DEL FUEGO TO NORTHERN PALMER LAND, ANTARCTIC PENINSULA	Marta Ghidella	0:20
17:40	18:00		Oral	NEW CONTINENTAL MARGIN MAGNETIC ANOMALIES OF EAST ANTARCTICA	Alexander Golynsky	0:20
16:00	18:00	Session Theme: II (group 2)	Room: Lagos	S20: Earth Structure, Deformation, and Ice Sheet Evolution	Session Chair: Thomas James	2:00
From	To	Title			Speaker	
16:00	16:30		Keynote	ANTARCTIC DEGLACIATION HISTORY: THE ICE-6G (VM5A) MODEL	Wm. Richard (Dick) Peltier	0:30
16:30	17:00		Keynote	MONITORING THE IONOSPHERE IN ANTARCTICA	Emilia Correia	0:30
17:00	17:20		Oral	WATER VAPOUR RETRIEVAL USING GPS IN VICTORIA LAND, ANTARCTICA	Monia Negusini	0:20
17:20	17:40		Oral	ACTIVE TECTONICS IN THE NORTHERN VICTORIA LAND (ANTARCTICA) INFERRED FROM THE INTEGRATION OF GPS DATA AND GEOLOGICAL SETTING	Marco Dubbini	0:20

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17:40	18:00		Oral	THE POLENET PROJECT: STATUS, INITIAL RESULTS, FUTURE CHALLENGES	Terry Wilson	0:20
16:00	17:20	Session Theme: III (group 2)	Room: Amazonas	S25: Carbon uptake and acidification in the Southern Ocean	Session Chair: Richard Bellerby	1:20
From	To	Title			Speaker	
16:00	16:30		Keynote	LARGE REGIONAL VARIABILITY IN SOUTHERN OCEAN ACIDIFICATION: IMPLICATIONS FOR DEFINING SCENARIOS OF FUTURE ECOSYSTEM HEALTH	Richard Bellerby	0:30
16:30	17:00		Keynote	DECADAL VARIATIONS OF CO2 UPTAKE IN SURFACE WATER OF THE SOUTHERN OCEAN	Liqi Chen	0:30
17:00	17:20		Oral	EFFECTS OF OCEAN ACIDIFICATION ON MICROBES IN ANTARCTIC COASTAL WATERS	Andrew T. Davidson	0:20
16:00	17:00	Session Theme: IV (group 2)	Room: Uruguay	S39: Antarctic snow accumulation distribution from models, measurements and remote sensing	Session Chair: Ted Scambos	1:00
From	To	Title			Speaker	
16:00	16:20		Oral	'WIND GLAZE' AREAS ON THE EAST ANTARCTIC PLATEAU: CHARACTERISTICS AND EXTENT	Ted Scambos	0:20
16:20	16:40		Oral	GLACIOLOGICAL AND GEOPHYSICAL INVESTIGATIONS OF ANTARCTIC ICE SHEET ALONG THE ICE FLOW LINE PASSING THROUGH VOSTOK STATION	Aleksey Ekaykin	0:20
16:40	17:00		Oral	FORTY YEARS OF SNOW ACCUMULATION INSTRUMENTAL MEASUREMENTS IN CENTRAL EAST ANTARCTICA	Aleksey Ekaykin	0:20

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04-ago		Wednesday - Parallel Sessions		Session 1 (0830-1030)			Time
8:30	9:30	Session Theme: I	Room: Parana A	S2: Coupling of the lower, middle and upper atmosphere		Session Chair: Gabriela Lakkis	1:00
From	To			Title	Speaker		
8:30	8:50		Oral	GRAVITY WAVES OBSERVED AT FERRAZ STATION (62 °S), ANTARCTICA, AND APPLICATION OF THE REVERSE RAY TRACING TECHNIQUE	José Valentín Bageston	0:20	
8:50	9:10		Oral	MESOSPHERIC TEMPERATURE ENHANCEMENT DURING 2007 AT HIGH SOUTHERN LATITUDES	Irfam Azeem	0:20	
9:10	9:30		Oral	QUASI-STATIONARY PLANETARY WAVES IN THE ARCTIC AND ANTARCTIC POLAR VORTEX EDGE REGION	Gennadi Milinevsky	0:20	
9:30	10:30	Session Theme: I	Room: Parana A	S3: Antarctic boundary layer: transport, air-snow exchange, aerosols and trace gases		Session Chairs: Bill Neff and Samuel Morin	1:00
From	To			Title	Speaker		
9:30	10:00		Keynote	CHARACTERISTICS OF THE BOUNDARY LAYER AT DOME A, ANTARCTICA FROM FEBRUARY TO AUGUST 2009	Michael Ashley	0:30	
10:00	10:30		Keynote	AEROSOLS (SEA SALT AND BIOGENIC SULFUR) AND OZONE IN THE BOUNDARY LAYER AT THE COASTAL (DUMONT D'URVILLE, DDU) AND INLAND (CONCORDIA) SITES IN EAST ANTARCTICA	Michel Legrand	0:30	
8:30	10:30	Session Theme: II	Room: Bosques	S16: Global changes and Antarctic terrestrial biodiversity		Session Chair: Diana Wall and Ian Hogg	2:00
From	To			Title	Speaker		
8:30	9:00		Keynote	ANTARCTIC TERRESTRIAL BIODIVERSITY IN A CHANGING WORLD	Peter Convey	0:30	
9:00	9:30		Keynote	BIODIVERSITY AT A LANDSCAPE SCALE IN THE DRY VALLEYS, SOUTHERN VICTORIA LAND, ANTARCTICA	Thomas. G. Allan Green	0:30	
9:30	9:50		Oral	GLOBAL LESSONS FROM REGIONAL ENVIRONMENTAL CHANGE IMPACTS: ANTARCTIC BIODIVERSITY AS AN EXEMPLAR	Steven Chown	0:20	
9:50	10:10		Oral	ALIENS IN ANTARCTICA, QUANTIFYING PLANT AND ANIMAL PROPAGULES INADVERTENTLY CARRIED INTO THE ANTARCTIC	Ad H. L. Huiskes	0:20	
10:10	10:30		Oral	EXTREME MICROBIOLOGICAL DIVERSITY IN ANTARCTICA	Janny Blamey	0:20	
8:30	10:30	Session Theme: III	Room: Buenos Aires	S22: Phylogenetics and phylogeography of Antarctic microbial ecosystems		Session Chair: Alison Murray	2:00
From	To			Title	Speaker		
8:30	9:00		Keynote	EXTREME HETEROGENEITY AMONG DRY VALLEY SOIL BACTERIAL COMMUNITIES—ANTARCTIC MICROBIOLOGY REVAMPED	Charles Lee	0:30	
9:00	9:30		Keynote	VIABLE ANCIENT MICROORGANISMS IN ANTARCTIC PERMAFROST - WITNESS TO THE PAST	David Gilichinsky	0:30	
9:30	9:50		Oral	ENVIRONMENTAL FACTORS SHAPING MICROBIAL BIOCOMPLEXITY IN THE ANTARCTIC DRY VALLEYS	Eric Bottos	0:20	
9:50	10:10		Oral	COMMUNITY STRUCTURE AND TAXONOMIC DIVERSITY OF DOMINANT BACTERIA IN ARID SOIL FROM ALEXANDER ISLAND, ANTARCTICA	Irene K. P. Tan	0:20	
10:10	10:30		Oral	THE ROLE OF BIOGEOGRAPHY IN THE EVOLUTION OF THE GEOTHERMAL SUBSURFACE COMMUNITY OF TRAMWAY RIDGE, MT. EREBUS, ANTARCTICA	Craig Herbold	0:20	
8:30	10:10	Session Theme: IV	Room: Rio Colorado	S33: Antarctic astronomy - witness to the distant past and guide to the distant future		Session Chair: Takashi Ichikawa, Albrecht Karle	1:40
From	To			Title	Speaker		
8:30	9:00		Keynote	ASTRONOMY FROM ANTARCTICA, ALL ACROSS THE SPECTRUM	Michael Burton	0:30	
9:00	9:30		Keynote	ICECUBE: EXPLORING THE UNIVERSE FROM THE SOUTH POLE WITH HIGH ENERGY NEUTRINOS	Kirill Filimonov	0:30	

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9:30	9:50		Oral	THE FUTURE FOR REMOTE AUTONOMOUS HIGH-POWER FIELD-STATIONS ON THE ANTARCTIC PLATEAU	John Storey	0:20
9:50	10:10		Oral	ASTEP: TOWARDS THE DETECTION AND CHARACTERIZATION OF EXOPLANETS FROM DOME C	Nicolas Cruzet	0:20
8:30	10:30	Session Theme: I (group 2)	Room: Parana B	S12: Magnetic studies of the Antarctic	Session Chairs: Marta Ghidella, Ralph von Frese, Fausto Ferraccioli	2:00
From	To	Title			Speaker	
8:30	9:00		Keynote	REVEALING THE ANTARCTIC CONTINENT WITH AEROMAGNETIC IMAGING	Fausto Ferraccioli	0:30
9:00	9:30		Keynote	A CONCEPT OF THE ANTARCTIC VIRTUAL GEOMAGNETIC OBSERVATORY	Vladimir Papitashvili	0:30
9:30	9:50		Oral	AUGMENTING ADMAP NEAR-SURFACE SURVEY GAPS BY SATELLITE CONSTRAINED CRUSTAL MAGNETIC ANOMALY PREDICTIONS	Ralph von Frese	0:20
9:50	10:10		Oral	ON THE RECENT FEATURES OF LONG TERM GEOMAGNETIC FIELD TIME VARIATIONS AT POLAR LATITUDES	Antonio Meloni	0:20
10:10	10:30		Oral	ENVIRONMENTAL MAGNETIC RECORD FROM ANDRILL CORE AND-2A FROM SOUTHERN MCMURDO SOUND	Kenneth Verusob	0:20
8:30	10:30	Session Theme: II (group 2)	Room: Lagos	S20: Earth Structure, Deformation, and Ice Sheet Evolution	Session Chair: Thomas James	2:00
From	To	Title			Speaker	
8:30	8:50		Oral	PALEOSHORELINE RECORD OF GLACIAL-ISOSTATIC CRUSTAL UPLIFT IN THE DRY VALLEYS REGION, ANTARCTICA	Stephanie Konfal	0:20
8:50	9:10		Oral	GRAVITY CHANGE AND VERTICAL MOTION IN DRONNING MAUD LAND: CONSTRAINTS TO MODELS OF GLACIAL ISOSTATIC ADJUSTMENT AND PRESENT-DAY GLACIER MASS BALANCE	Jaakko Mäkinen	0:20
9:10	9:30		Oral	ABSOLUTE GRAVITY MEASUREMENTS AT MCMURDO STATION, SCOTT BASE AND MARIO ZUCHELLI STATION IN NOVEMBER 2009	Yves Rogister	0:20
9:30	9:50		Oral	GEOCHEMICAL SIGNATURES OF HOLOCENE VOLCANOES IN THE ANTARCTIC PENINSULA AREA – HEADING TOWARDS THE CORRELATION OF CLIMATE ARCHIVES	Stefan Kraus	0:20
9:50	10:10		Oral	TELESEISMIC DETECTABILITY, LITHOSPHERIC DYNAMICS AND GLACIAL EARTHQUAKE SIGNALS AROUND THE LÜTZOW-HOLM BAY REGION, EAST ANTARCTICA	Masaki Kanao	0:20
10:10	10:30		Oral	THE STRUCTURE OF ANTARCTICA FROM YEAR-AROUND DEPLOYMENTS OF AUTONOMOUS BROADBAND SEISMOGRAPHS – THE POLENET AND GAMSEIS PROJECTS	Douglas Wiens	0:20
8:30	10:10	Session Theme: III (group 2)	Room: Amazonas	S30: Continuous Plankton Recording (CPR)	Session Chairs: Mitsuo Fukuchi and Graham Hosie	1:40
From	To	Title			Speaker	
8:30	9:00		Keynote	THE SCAR SOUTHERN OCEAN CONTINUOUS PLANKTON RECORDER SURVEY: ACHIEVEMENTS, CURRENT STATUS AND FUTURE DIRECTIONS	Brian Hunt for Graham Hosie	0:30
9:00	9:30		Keynote	MONITORING ZOOPLANKTON BETWEEN NEW ZEALAND AND THE SOUTHERN OCEAN	Catherine Stevens	0:30
9:30	9:50		Oral	THE VARIABILITY OF ZOOPLANKTON DISTRIBUTION PATTERNS BETWEEN NINE SEASONS ALONG THE 110°E AND 150°E MERIDIAN IN THE SOUTHERN OCEAN	Kunio Takahashi	0:20
9:50	10:10		Oral	ZOOPLANKTON COMMUNITIES BETWEEN NEW ZEALAND AND THE ROSS SEA	Karen Robinson	0:20

COFFEE BREAK (1030-1100)

04-ago	Wednesday - Parallel Sessions		Session 2 (1100-1300)			Time
11:00	12:40	Session Theme: I	Room: Parana A	S3: Antarctic boundary layer: transport, air-snow exchange, aerosols and trace gases	Session Chair: Bill Neff and Samuel Morin	1:40
From	To	Title			Speaker	

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11:00	11:20		Oral	EVIDENCE FOR RAPID PHOTOCHEMICAL RECYCLING OF ANTARCTIC PLATEAU REACTIVE NITROGEN	Douglas Davis	0:20
11:20	11:40		Oral	CHARACTERISTICS OF AEROSOL AND THEIR RADIATIVE IMPACT ON THE CLIMATE OF THE ANTARCTIC PLATEAU	Vito Vitale	0:20
11:40	12:00		Oral	OCCURRENCE OF VOLATILE ORGANIC COMPOUNDS OVER DETROIT PLATEAU, ANTARCTIC PENINSULA	Alexandre Santos de Alencar	0:20
12:00	12:20		Oral	AEROSOL SIZE VARIATION AND TRACE GAS MEASUREMENT IN COASTAL ANTARCTICA AND AT TWO INDIAN STATIONS	Roseline Cutting	0:20
12:20	12:40		Oral	OZONE DEPLETION EVENTS: EKMAN LAYERS OR MICRO-FRONTS	Phil Anderson	0:20
11:00	13:00	Session Theme: II	Room: Bosques	S16: Global changes and Antarctic terrestrial biodiversity	Session Chair: Diana Wal and Ian Hogg	2:00
From	To	Title			Speaker	
11:00	11:20		Oral	FUNGI IN ANTARCTICA – WITNESS TO THE PAST, AS ISOLATED FROM ROSS ISLAND HISTORIC HUTS, AND GUIDE TO THE FUTURE, FUNGAL ADAPTATION	Roberta Lee Farrell	0:20
11:20	11:40		Oral	THE ROLE OF HUMAN ACTIVITIES IN THE INTRODUCTION OF NON-NATIVE SPECIES INTO ANTARCTICA AND IN THE DISTRIBUTION OF ORGANISMS WITHIN THE ANTARCTIC	Fritz Hertel	0:20
11:40	12:00		Oral	HYPOLITHIC COMMUNITIES IN THE ANTARCTIC DRY VALLEY SOILS	Don Cowan	0:20
12:00	12:20		Oral	CO2 FLUXES AMONG DIFFERENT VEGETATION TYPES DURING THE GROWING SEASON IN MARGUERITE BAY (ANTARCTIC PENINSULA)	Nicoletta Cannone	0:20
12:20	12:40		Oral	ROLE OF CLIMATE CHANGE ON THE DYNAMICS OF PLANT COMMUNITIES IN THE KERGUELEN ISLANDS	Marc Lebouvier	0:20
12:40	13:00		Oral	EVOLUTIONARY AND ECOLOGICAL STOICHIOMETRY OF THE ANTARCTIC NEMATODE SCOTTNEMA LINDSAYAE: LINKS BETWEEN GENES AND ENVIRONMENT	Bishwo Adhikari	0:20
11:00	12:40	Session Theme: III	Room: Buenos Aires	S22: Phylogenetics and phylogeography of Antarctic microbial ecosystems	Session Chair: Alison Murray	1:40
From	To	Title			Speaker	
11:00	11:20		Oral	STRONG VARIATION IN THE RELATIVE SIGNIFICANCE OF VIRUS-MEDIATED MICROBIAL MORTALITY OVER DIFFERENT PROVINCES OF THE SOUTHERN OCEAN	Claire Evans	0:20
11:20	11:40		Oral	PCR-DGGE ANALYSIS OF THE BACTERIAL DIVERSITY IN LAKE SEDIMENTS IN THE FILDES PENINSULA	Clemente Michael Vui Ling Wong	0:20
11:40	12:00		Oral	16S RDNA GENE DIVERSITY IN MICROBIAL MAT CONSORTIA OF KING GEORGE ISLAND, MARITIME ANTARCTICA	Silvia Batista	0:20
12:00	12:20		Oral	PATTERNS OF SPATIAL DISTRIBUTION OF MICROORGANISMS IN THE MCMURDO DRY VALLEYS, ANTARCTICA	Marie Šabacká	0:20
12:20	12:40		Oral	LIPASE PRODUCTION OF PSYCHROBACTER SP. STRAIN 7AB ISOLATED FROM ANTARCTIC ENVIRONMENTS	Verónica Soria	0:20
11:00	13:00	Session Theme: IV	Room: Rio Colorado	S33: Antarctic astronomy - witness to the distant past and guide to the distant future	Session Chair: Takashi Ichikawa, Albrecht Karle	2:00
From	To	Title			Speaker	
11:00	11:20		Oral	HIGH ELEVATION ANTARCTIC TERAHERTZ (HEAT) TELESCOPES FOR THE ANTARCTIC HIGH PLATEAU	Craig Kulesa	0:20
11:20	11:40		Oral	OBSERVATIONS OF COSMIC RAYS AND GAMMA RAYS WITH ICECUBE	Stefan Westerhoff	0:20
11:40	12:00		Oral	NEAR-INFRARED SURVEY AT DOME-FUJI	Takashi Ichikawa	0:20
12:00	12:20		Oral	EXAMINATION OF SUPERNOVA FOOTPRINTS RECORDED IN A DOME FUJI ICE CORE	Yuko Motizuki	0:20
12:20	12:40		Oral	WHERE DID HALF OF THE STARLIGHT IN THE UNIVERSE GO?	Mark Devlin	0:20

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12:40	13:00		Oral	THE ASKARYAN RADIO ARRAY – A NEW INSTRUMENT FOR DETECTION OF HIGH ENERGY COSMOGENIC NEUTRINOS	Albrecht Karle	0:20
11:00	13:00	Session Theme: I (group 2)	Room: Parana B	S13: Mapping Antarctica: ADMAP, BEDMAP, and other activities	Session Chair: José Araos	2:00
From	To	Title			Speaker	
11:00	11:30		Keynote	HIGH-RESOLUTION LAND COVER MAPPING IN ANTARCTICA USING REMOTE SENSED DATA	Xiao Cheng	0:30
11:30	12:00		Keynote	BED TOPOGRAPHY OF THE BYRD GLACIER TRUNK -FROM AIRBORNE RADAR SOUNDINGS OF THE ICECAP PROJECT	Jack W. Holt	0:30
12:00	12:20		Oral	UNION GLACIER, ELLSWORTH MOUNTAINS: A NEW GATE FOR EXPLORING THE INTERIOR OF WEST ANTARCTICA	Andrés Rivera	0:20
12:20	12:40		Oral	NEW AEROGEOPHYSICAL VIEWS OF THE GAMBURTSEV PROVINCE IN EAST ANTARCTICA	Fausto Ferraccioli	0:20
12:40	13:00		Oral	AIRBORNE GRAVITY, MAGNETICS AND RADAR SURVEY OF THE ANTARCTIC PENINSULA AND DRAKE PASSAGE	Rene Forsberg	0:20
11:00	12:20	Session Theme: II (group 2)	Room: Lagos	S20: Earth Structure, Deformation, and Ice Sheet Evolution	Session Chair: Thomas James	1:20
From	To	Title			Speaker	
11:00	11:20		Oral	THE ITALIAN GEODETIC OBSERVATORY IN ANTARCTICA	Alessandro Capra	0:20
11:20	11:40		Oral	THE INVESTIGATION OF EARTH TIDES AND OCEAN TIDAL LOADING USING TIDAL GRAVIMETRY AT THE ARGENTINE ANTARCTIC STATIONS BELGRANO II AND SAN MARTÍN	Mirko Scheinert	0:20
11:40	12:00		Oral	INVESTIGATION OF ICE MASSES OF ANTARCTICA IN THE DRILLING PROCESS	Alexey Penzin	0:20
12:00	12:20		Oral	ORIGIN OF SEAFLOOR HILLS IN THE WESTERN ROSS SEA	William Magee	0:20
11:00	12:00	Session Theme: III (group 2)	Room: Amazonas	S31: Evolution of Antarctic organisms	Session Chair: Verónica Fuentes	2:00
From	To	Title			Speaker	
11:00	11:20		Oral	CRYPTIC SPECIATION AND THE CIRCUMPOLARITY DEBATE: A CASE STUDY ON ENDEMIC SOUTHERN OCEAN OCTOPUSES USING THE COI BARCODE OF LIFE	Jan Strugnell	0:20
11:20	11:40		Oral	PHYLOGEOGRAPHY OF THE RIBBED MUSSELS (AULACOMYA SPP.): IMPACT OF SOUTHERN OCEAN CIRCULATION ON DISPERSAL CAPACITIES. DOES	Karin Gérard	0:20
11:40	12:00		Oral	ECHINOIDS OF THE GENUS STERECHINUS FROM THE SOUTHERN OCEAN: EVOLUTIONARY PATHWAYS BETWEEN SHALLOW AND DEEP-SEA AND A POSSIBLE CONNECTION WITH SUBANTARCTIC BENTHOS	Angie Díaz	0:20

LUNCH (1300-1430) including POLAR PALOOZA (Salon Amazonas 1330-1430)

POSTER SESSION/COFFEE Authors in attendance Salon Los Jardines: S3,S13,S21,S33,S35,S37 Salon Gran Salon Pan.: S6,S7,S9,S11,S16,S17,S22,S28,S29,S30,S31,S41,S43,S44						
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04-ago	Wednesday - Parallel Sessions	Session 3 (1600-1800)				Time
16:00	18:00	Session Theme: I	Room: Parana A	S6: Antarctic and South American climate: linking the past and present record	Session Chair: Jefferson C. Simoes	2:00
From	To	Title			Speaker	
16:00	16:30		Keynote	THE ANTARCTIC CONNECTION TO COLD AND WARM ANOMALIES IN SOUTH BRAZIL	Alberto Setzer	0:30
16:30	17:00		Keynote	THE ANTARCTIC COLD REVERSAL SIGNAL AT LAGO ARGENTINO, SOUTHERN PATAGONIAN ICE FIELD	Jorge Adrián Strelin	0:30

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17:00	17:20		Oral	CLIMATOLOGY OF AIR MASSES GENERATED OVER THE WEDDELL SEA FROM 1949 TO 2008	Camila Carpenedo	0:20
17:20	17:40		Oral	Δ 18O AND Δ 2H DIFFERENT TENDENCIES IN ANTARCTIC WATER PRECIPITATIONS	Claudio Alberto Párica	0:20
17:40	18:00		Oral	HISTORY OF ANTARCTIC LAKES: LINKS BETWEEN SUMMER WINDS AND PALEOLIMNOLOGY	Maciej Obryk	0:20
16:00	17:40	Session Theme: II	Room: Bosques	S16: Global changes and Antarctic terrestrial biodiversity	Session Chair: Diana Wall and Ian Hogg	1:40
From	To	Title			Speaker	
16:00	16:20		Oral	EFFECTS OF GLOBAL CLIMATE WARMING ON ANTARCTIC PLANTS AND MOSSES ON FILDES PENINSULA, KING GEORGE ISLAND	Angélica Casanova-Katny	0:20
16:20	16:40		Oral	GLOBAL LESSONS FROM REGIONAL ENVIRONMENTAL CHANGE IMPACTS: ANTARCTIC BIODIVERSITY AS AN EXEMPLAR	Uffe N. Nielsen	0:20
16:40	17:00		Oral	EXPANSION OF DESCHAMPSIA ANTARCTICA ALONG THE SOUTH SHETLAND ISLANDS AND WEST COAST OF THE ANTARCTIC PENINSULA	Gustavo Adolfo Torres Mellado	0:20
17:00	17:20		Oral	RECONSTRUCTING ATMOSPHERIC LINKAGES BETWEEN DIFFERENT PARTS OF THE ANTARCTIC PENINSULA REGION: IMPLICATIONS FOR THE DISPERSAL OF TERRESTRIAL BIOTA	Thomas J. Bracegirdle	0:20
17:20	17:40		Oral	FUNGI IN ANTARCTICA – WITNESS TO THE PAST, AS ISOLATED FROM ROSS ISLAND HISTORIC HUTS, AND GUIDE TO THE FUTURE, FUNGAL ADAPTATION	Bettine J. van Vuuren	0:20
16:00	18:00	Session Theme: III	Room: Buenos Aires	S29: UV in Antarctica: ecosystem effects and interactions with climate change	Session Chair: Pat Neale	2:00
From	To	Title			Speaker	
16:00	16:20		Oral	XANTHOPHYLL CYCLE ACTIVITY IN ANTARCTIC MARINE MICROALGAE EXPOSED TO ULTRAVIOLET-B RADIATION	Anita Buma	0:20
16:20	16:40		Oral	INTERACTIVE EFFECTS OF VERTICAL MIXING AND ULTRAVIOLET RADIATION ON PHOTOSYNTHESIS IN THE ROSS SEA POLYNYA	Patrick Neale	0:20
16:40	17:00		Oral	IMPACT OF UV RADIATION AND GRAZERS ON THE COLONIZATION OF MARINE BENTHIC PRIMARY PRODUCERS IN ANTARCTICA (PART I: INTERTIDAL COMMUNITIES)	Katharina Zacher	0:20
17:00	17:20		Oral	IMPACTS OF UV RADIATION AND GRAZERS ON THE COLONIZATION OF MARINE BENTHIC PRIMARY PRODUCERS IN ANTARCTICA (PART II: SUBTIDAL COMMUNITIES)	Gabriela Laura Campana	0:20
17:20	17:40		Oral	EVIDENCE OF ULTRAVIOLET B EFFECTS ON ANTARCTIC COASTAL PHYTOPLANKTON AND BACTERIOPANKTON FROM AN IN SITU FIELD EXPERIMENT	Gustavo Adolfo Ferreyra	0:20
17:40	18:00		Oral	OXIDATIVE DAMAGE AND ANTIOXIDANT DEFENCE IN ANTARCTIC SEA URCHIN EMBRYOS IN RESPONSE TO ENHANCED UV-B DURING OZONE DEPLETION	Kathryn Lister	0:20
16:00	18:00	Session Theme: IV	Room: Rio Colorado	S35: Permafrost and periglacial Antarctic environments	Session Chair: Mauro Guglielmin	2:00
From	To	Title			Speaker	
16:00	16:30		Keynote	AEOLIAN FLUX IN THE MCMURDO DRY VALLEYS, ANTARCTICA	Marie Šabacká	0:30
16:30	17:00		Keynote	SPATIAL AND TEMPORAL VARIABILITY OF GROUND SURFACE TEMPERATURE AND ACTIVE LAYER THICKNESS AT THE MARGIN OF MARITIME ANTARCTICA, SIGNY ISLAND. THE IMPORTANCE OF VEGETATION	Mauro Guglielmin	0:30
17:00	17:20		Oral	PERMAFROST STUDIES AND MONITORING IN THE MCMURDO DRY VALLEYS, ANTARCTICA	Andrew Fountain	0:20
17:20	17:40		Oral	THERMAL AND CHEMICAL PROCESSES IN TAYLOR VALLEY PERMAFROST: REDISTRIBUTION OF NUTRIENTS AND WATER FROM SNOW, SOIL, AND ICE-TABLE SOURCES	Joseph Levy	0:20
17:40	18:00		Oral	REGOLITH EROSION FROM YEARS TO MILLIONS OF YEARS; DRY VALLEYS, ANTARCTICA	Jaakko Putkonen	0:20
16:00	17:40	Session Theme: I (group 2)	Room: Parana B	S11: Solar-terrestrial physics in polar regions	Session Chair: Allan Weatherwax	1:40
From	To	Title			Speaker	
16:00	16:30		Keynote	INTERHEMISPHERIC ASYMMETRY IN THE IONOSPHERIC TRANSPOLAR POTENTIAL AND THE RELATIONSHIP TO CLOSURE OF THE BOW SHOCK CURRENT THROUGH THE IONOSPHERE	Ramón Lopez	0:30

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16:30	17:00		Keynote	SPATIAL AND TEMPORAL TRACING OF REAL GEOMAGNETIC CONJUGATE POINT OBTAINED BY SYOWA-ICELAND CONJUGATE-PAIR AURORAS	Natsuo Sato	0:30
17:00	17:20		Oral	BIPOLAR CLIMATOLOGY OF GNSS IONOSPHERIC SCINTILLATION UNDER QUIET GEOMAGNETIC CONDITIONS	Lucilla Alfonsi	0:20
17:20	17:40		Oral	GPS SCINTILLATION CLIMATOLOGY STUDY WITH CANADIAN HIGH ARCTIC IONOSPHERIC NETWORK	Paul Prikryl	0:20
16:00	17:20	Session Theme: III (group 2)	Room: Amazonas	S31: Evolution of Antarctic organisms	Session Chair: Verónica Fuentes	2:00
From	To	Title			Speaker	
16:00	16:20		Oral	DIVERGENCE IN BUOYANCY OF THE ECOLOGICALLY SIMILAR NOTOTHENIID FISH NOTOTHENIA CORIICEPS AND N. ROSSII	Esteban Barrera Oro	0:20
16:20	16:40		Oral	PHYSIOLOGICAL AND MOLECULAR RESPONSE TO STRESS IN THE ANTARCTIC FISH NOTOTHENIA CORIICEPS	Eduarda M. Guerreiro	0:20
16:40	17:00		Oral	EGG GUARDING BEHAVIOUR IN THE ANTARCTIC BATHYDRACONID DRAGONFISH PARACHAENICHTHYS CHARCOTII	Esteban Barrera Oro	0:20
17:00	17:20		Oral	POPULATION GENETIC STRUCTURE OF ELEGINOPS MACLOVINUS (RÓBALO) ALONG THE PATAGONIAN COAST (40°-54°S): EVIDENCE OF POPULATION EXPANSION	Santiago Guillermo Ceballos	0:20
16:00	17:40	Session Theme: IV (group 2)	Room: Uruguay	S43: Weather and climate in Antarctica	Session Chair: Liz Thomas	1:40
From	To	Title			Speaker	
16:00	16:30		Keynote	THE LIFE CYCLE OF SUPRAGLACIAL LAKES	Matti Leppäranta	0:30
16:30	17:00		Keynote	EVALUATION AND ESTIMATION OF POSITIVE DEGREE DAY AND MELT DAYS OVER THE SOUTHWEST ANTARCTIC PENINSULA DURING THE AUSTRAL SUMMER SEASON	Hernán Edgardo Sala	0:30
17:00	17:20		Oral	ATMOSPHERIC CIRCULATION CHANGE AND POSSIBILITIES OF LONG-RANGE FORECAST OF WEATHER CONDITIONS OVER THE ANTARCTIC PENINSULA	Vazira Martazinova	0:20
17:20	17:40		Oral	CASE STUDIES OF STRONG WIND EVENTS OVER THE NORTH WEST ROSS ICE SHELF AND THEIR INTERACTION WITH TOPOGRAPHY	Nettukandy Chenoli Sheeba	0:20

APECS event: ANTARCTIC SCIENCE, Role of SCAR in promoting early career research opportunities (18:30, Salon Amazonas)

"Antarctica – Witness to the Past and Guide to the Future"

Detailed Agenda 5th August

05-ago		Thursday - Parallel Sessions		Session 1 (0830-1030)			Time
8:30	9:50	Session Theme: I	Room: Parana A	S5: Antarctic climate and links to the rest of the globe		Session Chair: John Turner	1:20
From	To	Title			Speaker		
8:30	9:00		Keynote	ICE IN A GREENHOUSE WORLD? LATE CRETACEOUS CLIMATES OF ANTARCTICA	Jane Francis	0:30	
9:00	9:30		Keynote	IS THE SOUTHERN ANNUAL MODE (SAM) IN THE TROPOSPHERE PRIMARILY AN ANTARCTIC-COASTAL/MID-LATITUDE PHENOMENA?	William Neff	0:30	
9:30	9:50		Oral	SEASONAL ZONAL ASYMMETRIES IN THE SOUTHERN ANNULAR MODE	Ryan Fogt	0:20	
8:30	10:30	Session Theme: II	Room: Bosques	S15: Biodiversity, biogeochemistry and climate in the Southern Ocean		Session Chair: Julian Gutt	2:00
From	To	Title			Speaker		
8:30	9:00		Keynote	VARIATIONS IN BENTHIC COMMUNITY STRUCTURE ALONG A STRONG LATITUDINAL SEA-ICE GRADIENT ON THE WEST ANTARCTIC PENINSULA SHELF: PREDICTING EFFECTS OF CLIMATE WARMING	Victor Evrard	0:30	
9:00	9:30		Keynote	SPONGE SPICULE MATS – INDICATOR FOR A DYNAMIC BENTHIC SYSTEM	Julian Gutt	0:30	
9:30	9:50		Oral	FAUNAL EVIDENCE FOR A LATE QUATERNARY TRANS-ANTARCTIC SEAWAY	David Barnes	0:20	
9:50	10:10		Oral	ACID ROCK DRAINAGE AND ASSOCIATED MICROBIOLOGICAL POPULATION IN ANTARCTICA	Bernhard Dold	0:20	
10:10	10:30		Oral	A PHYTOPLANKTON BLOOM WAS CONTROLLED BY ZOOPLANKTON GRAZING DURING THE LOHAFEX IRON-FERTILISATION EXPERIMENT IN THE S-W ANTARCTIC CIRCUMPOLAR CURRENT	Humberto González	0:20	
8:30	10:30	Session Theme: III	Room: Buenos Aires	S24: Top predators in Antarctic marine ecosystems		Session Chairs: Dan Costa and Mark Hindell	2:00
From	To	Title			Speaker		
8:30	9:00		Keynote	FORAGING HABITATS OF TOP PREDATORS, AND AREAS OF ECOLOGICAL SIGNIFICANCE ON THE KERGUELEN PLATEAU	Mark Hindell	0:30	
9:00	9:30		Keynote	ECOLOGICAL NICHE MODELING OF SYMPATRIC KRILL PREDATORS AROUND MARGUERITE BAY, WESTERN ANTARCTIC PENINSULA	Ari Friedlaender	0:30	
9:30	9:50		Oral	DEMOGRAPHY AND TOP-DOWN PREDATION INDICATE A CHANGING POPULATION AND THE IMPORTANCE OF JUVENILE SURVIVAL	Mike Goebel	0:20	
9:50	10:10		Oral	GENE FLOW AND GENETIC DIFFERENTIATION AMONG ANTARCTIC FUR SEALS BREEDING COLONIES	Layla Osman	0:20	
10:10	10:30		Oral	ANALYSIS OF THE BREEDING BIOLOGY OF THE ADELIE PENGUIN AT TWO ANTARCTIC LOCALITIES	María Mercedes Santos	0:20	
8:30	9:30	Session Theme: IV	Room: Rio Colorado	S35: Permafrost and periglacial Antarctic environments		Session Chair: Mauro Guglielmin	1:00
From	To	Title			Speaker		
8:30	8:50		Oral	ACTIVE LAYER AND ITS RELATIONS WITH VEGETATION AND SNOW: A CASE STUDY AT THE CALM GRID OF BOULDERCLAY (VICTORIA LAND, CONTINENTAL ANTARCTICA)	Nicoletta Cannone	0:20	
8:50	9:10		Oral	PERMAFROST AND ACTIVE LAYER TEMPERATURES IN HURD PENINSULA: TIME-SERIES ANALYSIS FROM 2000-2010 (LIVINGSTON ISLAND, ANTARCTIC)	Gonçalo Vieira	0:20	
9:10	9:30		Oral	CHEMICAL ATTRIBUTES OF ORNITHOGENIC SOILS AT LIONS RUMP, KING GEORGE BAY, MARITIME ANTARCTIC	Ivan Carlos Carreiro Almeida	0:20	
8:30	13:00	Session Theme: I (group 2)	Room: Parana B	S10: Subglacial geophysics, sediments and biota		Session Chairs: Slawek Tulaczyk, Ross Powell and Dominic Hodgson	4:30
From	To	Title			Speaker		

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8:30	9:00		Keynote	THE ANTARCTIC ICE SHEET AS A SOURCE OF BIOGENIC METHANE TO THE ATMOSPHERE	Jemma Wadham	0:30
9:00	9:30		Keynote	THE ENDURANCE AUTONOMOUS UNDERWATER VEHICLE	Peter Doran	0:30
9:30	9:50		Oral	SUBGLACIAL TOPOGRAPHY INFERRED FROM ICE SURFACE TERRAIN ANALYSIS REVEALS A LARGE UNSURVEYED BASIN BELOW SEA LEVEL IN EAST ANTARCTICA	Anne Le Brocq	0:20
9:50	10:10		Oral	ANTARCTIC SUBGLACIAL WATER: HABITATS FOR LIFE AND SITES OF BIOGEOCHEMICAL TRANSFORMATIONS	John Priscu	0:20
10:10	10:30		Oral	FORMATION AND PRESERVATION OF LONG-TERM PALEOCLIMATIC AND PALEOENVIRONMENTAL RECORDS IN ANTARCTIC SUBGLACIAL LAKES	Slawek Tulaczyk	0:20
8:30	10:30	Session Theme: II (group 2)	Room: Lagos	S18: Antarctic deglaciations: mechanisms, timing and character	Session Chair: Tim Naish	2:00
From	To	Title			Speaker	
8:30	9:00		Keynote	SUBGLACIAL BED KNOWLEDGE AND ICE SHEET EVOLUTION OVER SUBMARINE WEST AND EAST ANTARCTICA	Donald Blankenship	0:30
9:00	9:30		Keynote	ANTARCTIC DEGLACIATION HISTORY: MODERN GEODYNAMIC IMPACTS	Wm. Richard (Dick) Peltier	0:30
9:30	9:50		Oral	MAGNITUDE AND TIMING OF ANTARCTIC ICE SHEET VARIATIONS THROUGH THE PIOCENE AND PLEISTOCENE: IMPLICATIONS FOR FUTURE SEA LEVEL	Robert DeConto	0:20
9:50	10:10		Oral	MECHANISM AND TIMING OF EAST ANTARCTIC ICE SHEET RECESSION	Andrew Mackintosh	0:20
10:10	10:30		Oral	SOURCES OF SEA-LEVEL RISE DURING MELTWATER PULSES 1A & 1B	Anders Carlson	0:20
8:30	10:10	Session Theme: III (group 2)	Room: Amazonas	S27: Human biology and medicine	Session Chair: Iain Grant	1:40
From	To	Title			Speaker	
8:30	9:00		Keynote	THE "FIFTH QUARTER": HOMECOMING AFTER LONG-DURATION MISSIONS IN ANTARCTICA	Claude Bachelard	0:30
9:00	9:30		Keynote	THE SKELETAL RESPONSE TO VITAMIN D SUPPLEMENTATION DURING SUNLIGHT DEPRIVATION: A RANDOMISED TRIAL IN ANTARCTIC EXPEDITIONERS	Sandra Iuliano-Burns	0:30
9:30	9:50		Oral	PRELIMINARY VALIDATION OF THE OCEAN PERSONALITY TEST USED IN THE PSYCHOLOGICAL SCREENING PROCESS OF FRENCH ANTARCTIC WINTER-OVER EXPEDITION MEMBERS	Claude Bachelard	0:20
9:50	10:10		Oral	HOLTER (24HOUR) ELECTROCARDIOGRAM -ANALYSIS AT DOME FUJI STATION	Ochi Masaharu	0:20
8:30	10:30	Session Theme: IV (group 2)	Room: Uruguay	S42: History of Antarctica and scientific research	Session Chair: Cornelia Lüdecke	2:00
From	To	Title			Speaker	
8:30	9:00		Keynote	PRE-INDUSTRIAL WHALING IN THE SOUTH SHETLAND ISLANDS, ANTARCTICA	María Ximena Senatore	0:30
9:00	9:30		Keynote	REGULATING THE FROZEN EL DORADO: ENVIRONMENT, SCIENCE AND POLITICS IN THE ANTARCTIC MINERALS NEGOTIATIONS, 1973-1991	Adrian Howkins	0:30
9:30	9:50		Oral	CAPE INVOLVEMENT IN THE SEA ELEPHANT OIL TRADE AT THE CROZET AND PRINCE EDWARD ISLANDS (1822-1872)	Thierry Rousset	0:20
9:50	10:10		Oral	ANTARCTIC RESEARCH AND IMPERIAL AMBITION: ASSESSING THE SEVENTH INTERNATIONAL GEOGRAPHICAL CONGRESS	Brandon Luedtke	0:20
10:10	10:30		Oral	ESTONIA AND ANTARCTIC RESEARCH – HISTORY AND FUTURE	Enn Kaup	0:20

COFFEE BREAK (1030-1100)

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05-ago		Thursday - Parallel Sessions		Session 2 (1100-1300)			Time
11:00	12:00	Session Theme: I	Room: Parana A	S5: Antarctic climate and links to the rest of the globe		Session Chair: John Turner	1:00
From	To			Title	Speaker		
11:00	11:20		Oral	UNDERSTANDING THE SAM INFLUENCE ON THE SOUTH PACIFIC ENSO TELECONNECTION	Ryan Fogt		0:20
11:20	11:40		Oral	DIFFERENCES IN ANTARCTIC OZONE LOSS DURING CHLORINE MAXIMUM: THE PAST TWO DECADES	Stephanie Luberda		0:20
11:40	12:00		Oral	TRENDS AND INTERANNUAL VARIABILITY OF TURBULENT HEAT FLUX, WINDS AND WIND STRESS CURL IN THE INDIAN SECTOR OF SOUTHERN OCEAN IN RECENT DECADE	Alvarinho Luis		0:20
11:00	12:40	Session Theme: II	Room: Bosques	S15: Biodiversity, biogeochemistry and climate in the Southern Ocean		Session Chair: Julian Gutt	1:40
From	To			Title	Speaker		
11:00	11:20		Oral	THE INFLUENCE OF SUBANTARCTIC WATERS ON THE PHYTOPLANKTON BIOMASS IN THE SOUTHWESTERN ATLANTIC	Rafael Araujo		0:20
11:20	11:40		Oral	THE DEPENDENCE OF CARBON EXPORT ON PHYTOPLANKTON TAXONOMY IN THE AUSTRALIAN SUBANTARCTIC ZONE	Nicolas Cassar		0:20
11:40	12:00		Oral	A MICROBIAL TRANSGLUTAMINASE OBTAINED USING STREPTOMYCES SP. ANTARCTIC STRAINS	Teodore Gh. Negoita		0:20
12:00	12:20		Oral	PRELIMINARY ANALYSIS OF SIZE DISTRIBUTION, DENSITY AND DIVERSITY OF GENERA OF ASTEROIDEA (ECHINODERMATA) COLLECTED BY THE BRAZILIAN ANTARCTIC PROGRAM (PROANTAR) IN THE AUSTRAL SUMMER	Thayane da Cunha Oackes Souza		0:20
12:20	12:40		Oral	BIOGEOGRAPHIC PATTERNS OF PLANKTONIC DIATOMS IN THE SOUTH WESTERN AND ANTARCTIC SECTORS OF THE ATLANTIC OCEAN	Hector Olguin Salinas		0:20
11:00	12:40	Session Theme: III	Room: Buenos Aires	S24: Top predators in Antarctic marine ecosystems		Session Chairs: Dan Costa and Mark Hindell	1:40
From	To			Title	Speaker		
11:00	11:20		Oral	FOOD CONSUMPTION ESTIMATES OF SOUTHERN ELEPHANT SEAL FEMALES AT ISLA 25 DE MAYO (KING GEORGE ISLAND), ANTARTICA	Alejandro Carlini		0:20
11:20	11:40		Oral	THE FEEDING HABITS OF THE SOUTHERN ELEPHANT SEAL AT ISLA 25 DE MAYO / KING GEORGE ISLAND, SOUTH SHETLAND ISLANDS	Gustavo Daneri		0:20
11:40	12:00		Oral	GEOGRAPHICAL VARIATION IN THE DIET OF THE SOUTHERN GIANT PETREL	Nestor Rubén Coría		0:20
12:00	12:20		Oral	WEDDELL SEAL DIVE BEHAVIOUR AND THE INFLUENCE OF ENVIRONMENTAL VARIABLES AND INDIVIDUAL VARIABILITY	Virginia Andrews-Goff		0:20
12:20	12:40		Oral	FORAGING STRATEGIES IN A HETEROGENEOUS MARINE ENVIRONMENT DEPENDS ONLY PARTIALLY ON PATCH QUALITY	Michele Thums		0:20
11:00	12:40	Session Theme: IV	Room: Rio Colorado	S36: Antarctic climate history over the last 200 years		Session Chair: Tas van Ommen	1:40
From	To			Title	Speaker		
11:00	11:30		Keynote	AN ICE CORE PROXY FOR THE STRENGTH OF THE SOUTHERN HEMISPHERE WESTERLIES AND ASSOCIATED CYCLONIC LOWS	Daniel Dixon		0:30
11:30	12:00		Keynote	CLIMATE OF THE SOUTHWESTERN ANTARCTIC PENINSULA SINCE 1850	Elizabeth Thomas		0:30
12:00	12:20		Oral	CLIMATE RECORD IN THE REGION OF SOUTHERN LAKE VOSTOK (EAST ANTARCTICA) OVER THE LAST 350 YEARS	Aleksey Ekaykin		0:20
12:20	12:40		Oral	ANTARCTIC PENINSULA CLIMATIC HISTORY OVER THE LAST 100 YEARS RECORDED AT ARGENTINE STATIONS	Pedro Skvarca		0:20
11:00	13:00	Session Theme: I (group 2)	Room: Parana B	S10: Subglacial geophysics, sediments and biota		Session Chairs: Slawek Tulaczyk, Ross Powell and Dominic Hodgson	2:00
From	To			Title	Speaker		

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11:00	11:20		Oral	EXPLORATION OF LAKE HODGSON – LESSONS LEARNED FOR THE ANALYSIS OF THE WATER COLUMN AND SEDIMENTS OF DEEP CONTINENTAL SUBGLACIAL LAKES	Dominic Hodgson	0:20
11:20	11:40		Oral	ICE PENETRATING RADAR INVESTIGATION AND BASAL PROCESSES OF ICE SHEET IN DOME A, EAST ANTARCTICA	Bo Sun	0:20
11:40	12:00		Oral	ICESAT ELEVATION CHANGE AND ACCURACY ASSESSMENTS (2003-2009) AT LARGE SUBGLACIAL LAKE SITES, ANTARCTICA	Christopher Shuman	0:20
12:00	12:20		Oral	ANTARCTIC ICE SHEET VARIABILITY AND SUBGLACIAL LAKE HISTORIES	Ross Powell	0:20
12:20	12:40		Oral	SUBGLACIAL HYDROLOGY OF THE AURORA BASIN, EAST ANTARCTICA, FROM THE GEOPHYSICAL INVESTIGATIONS OF THE ICECAP PROJECT	Andrew Wright	0:20
12:40	13:00		Oral	THE SUBGLACIAL HYDROLOGY OF THWAITES GLACIER, WEST ANTARCTICA: CHARACTERIZATION AND INTERPRETATION OF A CATCHMENT-SCALE BASAL SPECULARITY MAP	Dustin Schroeder	0:20
11:00	13:00	Session Theme: II (group 2)	Room: Lagos	S18: Antarctic deglaciations: mechanisms, timing and character	Session Chair: Tim Naish	2:00
From	To	Title			Speaker	
11:00	11:20		Oral	EVIDENCE FOR MINIMAL PLEISTOCENE ICE SHEET ELEVATION CHANGES FROM THE SHACKLETON RANGE, WEDDELL SEA EM-BAYMENT, ANTARCTICA	Christopher Fogwill	0:20
11:20	11:40		Oral	CONSTRAINTS ON ANTARCTIC ICE VOLUME CHANGES SINCE THE LGM BASED ON COSMOGENIC EXPOSURE AGES IN THE DARWIN-HATHERTON GLACIAL SYSTEM OF THE TRANSANTARCTIC MOUNTAINS	Bryan C. Storey	0:20
11:40	12:00		Oral	SOUTHERN ICE AND OCEAN CHANGE DURING MARINE ISOTOPE STAGE 7	Lionel Carter	0:20
12:00	12:20		Oral	THE LAST INTERGLACIAL IN WEST ANTARCTICA	Elena Korotkikh	0:20
12:20	12:40		Oral	THE EARLY PLIOCENE DEGLACIATIONS OF ANTARCTICA: RECONCILING ICE VOLUME AND GLOBAL SEA-LEVEL	Timothy Naish	0:20
12:40	13:00		Oral	VARIABLE PACE AND SCALE OF THE MIOCENE ANTARCTIC ICE SHEET: EXAMPLES OF BOTH DYNAMIC AND STABLE BEHAVIOR IN THE ANDRILL AND-2A DRILLCORE	David Harwood	0:20
11:00	12:40	Session Theme: III (group 2)	Room: Amazonas	S32: Biodiversity, ecosystem function and environmental change: past, present and future	Session Chair: D. Bergstrom, E. Verleyen, A. Davidson and L. Campos	1:40
From	To	Title			Speaker	
11:00	11:30		Keynote	EXTREME EVENTS AS ECOSYSTEM DRIVERS: ECOLOGICAL CONSEQUENCES OF THE 2001/02 AUSTRAL SUMMER	Dana Bergstrom	0:30
11:30	12:00		Keynote	LONG TERM VARIATIONS IN ABUNDANCE AND SIZE COMPOSITION OF FJORD NOTOTHENIA ROSSII, GOBIONOTHEN GIBBERIFRONS AND NOTOTHENIA CORIICEPS AT POTTER COVE, SOUTH SHETLAND ISLANDS, AFTER THE 1978-1980 FISHERY IN THE AREA	Nadia Soledad Alescio	0:30
12:00	12:20		Oral	ALBATROSSES AND CATERPILLARS: THE USE OF STABLE ISOTOPES IN UNDERSTANDING ECOSYSTEM ENGINEERING IN THE TERRESTRIAL SUB-ANTARCTIC	Justine Shaw	0:20
12:20	12:40		Oral	BENTHIC VEGETATION AND MICROBIAL DIVERSITY IN ANTARCTIC LAKES	Satoshi Imura	0:20
11:00	12:00	Session Theme: IV (group 2)	Room: Uruguay	S42: History of Antarctica and scientific research	Session Chair: Cornelia Lüdecke	1:00
From	To	Title			Speaker	
11:00	11:20		Oral	SCIENTIFIC RESEARCH AT BASE O'HIGGINS, 1948–1958	M. Consuelo León	0:20
11:20	11:40		Oral	SWEDISH DELIBERATIONS FACING THE PRE – NEGOTIATION PERIOD OF THE ANTARCTIC TREATY 1954-58	Lisbeth Lewander	0:20
11:40	12:00		Oral	PERSPECTIVE ANALYSIS ON ANTARCTIC AFFAIRS BASED ON PAPER AND RECOMMENDATION OF ANTARCTIC TREATY CONSULTATIVE MEETING	Xiaoliang Ling	0:20

LUNCH (1300-1430)

POSTER SESSION/COFFEE

"Antarctica – Witness to the Past and Guide to the Future"

Detailed Agenda 5th August

Authors in attendance

Salon Los Jardines: S1,S14,S23,S24,S36
Salon Gran Salon Pan.: S4,S5,S8,S10,S15,S18,S27,S32,S40,S42

05-ago		Thursday - Parallel Sessions		Session 3 (1600-1800)			Time
16:00	17:40	Session Theme: I	Room: Parana A	S4: Southern Ocean gateways and ocean-ice sheet interactions			Session Chair: K.Gohl 1:40
From	To			Title	Speaker		
16:00	16:30		Keynote	THE NATURE AND AGE OF THE FLOOR OF THE CENTRAL SCOTIA SEA: ITS SIGNIFICANCE FOR OPENING OF THE DRAKE PASSAGE DEEP OCEAN GATEWAY	Ian Dalziel	0:30	
16:30	17:00		Keynote	THE OVERDEEPEENING HYPOTHESIS: EARLY PLIOCENE ONSET OF WARM-WATER INTRUSION	Philip Bart	0:30	
17:00	17:20		Oral	WEST ANTARCTIC RIFT SYSTEM: AN OLIGOCENE SHORT CUT FOR THE NEW ZEALAND-PATAGONIA LINK	Silvio Casadio	0:20	
17:20	17:40		Oral	DATING AND RECOGNITION OF MAJOR GLACIATIONS EVENTS -EVIDENCE FROM UNGLACIATED CONTINENTAL MARGINS	Luiz Antonio Pierantoni Gamboa	0:20	
16:00	17:40	Session Theme: II	Room: Bosques	S15: Biodiversity, biogeochemistry and climate in the Southern Ocean			Session Chair: Julian Gutt 1:40
From	To			Title	Speaker		
16:00	16:20		Oral	ON-SITE STUDIES TOWARD A RATIONAL BIOAUGMENTATION STRATEGY FOR ANTARCTIC HYDROCARBON CONTAMINATED SOILS	Lucas Ruberto	0:20	
16:20	16:40		Oral	STRUCTURE AND ABUNDANCE OF PLANKTONIC CILIATES FROM ANTARCTIC OCEANIC TO SUBANTARCTIC NERITIC ECOSYSTEMS	Luciana Fernanda Santoferrara	0:20	
16:40	17:00		Oral	DISSOLVED IRON: A BIOGEOCHEMICAL WILD CARD IN THE ANTARCTIC MARINE SYSTEM	Peter Sedwick	0:20	
17:00	17:20		Oral	HYDROLASE ENZYMES FROM PSYCHROTROPHIC AND PSYCHROPHILIC SOIL FUNGI FROM KING GEORGE ISLAND, ANTARCTICA	Abiramy Krishnan	0:20	
17:20	17:40		Oral	DISSOLVED RARE EARTH ELEMENTS AS CHEMICAL TRACERS OF SEAWATER MASSES	Clara Turetta	0:20	
16:00	18:00	Session Theme: III	Room: Buenos Aires	S24:Top predators in Antarctic marine ecosystems			Session Chairs:Dan Costa and Mark Hindell 2:00
From	To			Title	Speaker		
16:00	16:20		Oral	HIGH VARIABILITY IN INDIVIDUAL SOUTH POLAR SKUAS MIGRATION	Hans-Ulrich Peter	0:20	
16:20	16:40		Oral	ENVIRONMENTAL FACTORS INFLUENCE THE DISTRIBUTION AND RELATIVE ABUNDANCE OF HUMPBACK WHALES IN WATERS OF THE ANTARCTIC PENINSULA	Luciano Dalla Rosa	0:20	
16:40	17:00		Oral	USING INSTRUMENTED SEALS TO OBSERVE SPATIAL AND TEMPORAL VARIATIONS IN ENVIRONMENTAL CONDITIONS ON THE WEST ANTARCTIC PENINSULA DURING 2005 TO 2009	John Klinck	0:20	
17:00	17:20		Oral	ECOLOGY OF WEDDELL SEALS DURING WINTER: INFLUENCE OF HYDROGRAPHIC PARAMETERS ON THEIR FORAGING BEHAVIOUR	Karine Heerah	0:20	
17:20	17:40		Oral	DISPLACEMENTS AND CONCENTRATION AREAS OF SOUTHERN ELEPHANT SEALS (MIROUNGA LEONINA) OFF THE ANTARCTIC PENINSULA	Luciano de Oliveira Battisti	0:20	
17:40	18:00		Oral	DISPLACEMENTS AND CONCENTRATION AREAS OF SOUTHERN ELEPHANT SEALS (MIROUNGA LEONINA) OFF THE ANTARCTIC PENINSULA	Luciano de Oliveira Battisti	0:20	
16:00	17:20	Session Theme: IV	Room: Rio Colorado	S36: Antarctic climate history over the last 200 years			Session Chair: Tas van Ommen 1:20
From	To			Title	Speaker		
16:00	16:20		Oral	CHANGES IN ANTARCTIC TEMPERATURES DURING THE LAST CENTURY: A UNIQUE DAILY RECORD AT ORCADAS	Natalia Zazulie	0:20	

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Detailed Agenda 5th August

16:20	16:40		Oral	VOLCANIC SIGNALS AND SURFACE MASS BALANCE FROM FIRN CORE RECORDS FROM THE NORWEGIAN-US IPY TRAVERSE THROUGH EAST ANTARCTICA	Helgard Anschütz	0:20
16:40	17:00		Oral	RECENT COOLING IN THE NORTH OF THE ANTARCTIC PENINSULA	Alberto Setzer	0:20
17:00	17:20		Oral	STABLE WATER ISOTOPE CHARACTERIZATION OF THE RECENT HYDROLOGICAL SYSTEM AT THE NORTH ANTARCTIC PENINSULA AND ITS RELATION WITH SOUTH AMERICA; IMPLICATION FOR ICE CORE	Francisco Fernandoy	0:20
16:00	17:40	Session Theme: I (group 2)	Room: Parana B	S14: King George Island: model for interdisciplinary Antarctic science	Session Chair: Lucia Siqueira Campos	1:40
From	To	Title			Speaker	
16:00	16:30		Keynote	GLACIER RETREAT, NET ACCUMULATION AND SURFACE LOWERING OF THE KING GEORGE ISLAND ICE CAP (SOUTH SHETLAND ISLANDS)	Matthias Braun	0:30
16:30	17:00		Keynote	RAPID CLIMATE RELATED CHANGE AT KING-GEORGE ISLAND: AN INTERDISCIPLINARY APPROACH TO COASTAL SYSTEMS CHANGE	Doris Abele	0:30
17:00	17:20		Oral	RESPONSE OF POTTER COVE PHYTOPLANKTON DYNAMICS TO LONG TERM CLIMATE TRENDS	Irene Schloss	0:20
17:20	17:40		Oral	IMPACT OF COASTAL MELT-WATERS ON THE ANTARCTIC PHYTOPLANKTON	Marcelo Pablo Hernando	0:20
16:00	17:40	Session Theme: II (group 2)	Room: Lagos	S18: Antarctic deglaciations: mechanisms, timing and character	Session Chair: Tim Naish	1:40
From	To	Title			Speaker	
16:00	16:20		Oral	DIATOM ABUNDANCE CHANGES AS INDICATORS OF CYCLIC VARIATION IN EARLY PLIOCENE ANTARCTIC CLIMATE, AS RECORDED IN THE ANDRILL AND-1B DRILL CORE	Mathew Konfirst	0:20
16:20	16:40		Oral	EARLY-MID HOLOCENE WEST ANTARCTIC ICE SHEET RETREAT AND THINNING OF THE ROSS ICE SHELF	Gary Wilson	0:20
16:40	17:00		Oral	CHRONOLOGY OF THE ICE-CORED MARGINAL-MORaine IN POTTER PENINSULA, SOUTH SHETLAND ISLANDS	Jorge Adrián Strelin	0:20
17:00	17:20		Oral	A NEW GLACIER MASS BALANCE PROGRAM ON SOUTH SHETLAND ISLANDS – BETTER UNDERSTAND REGIONAL CLIMATE TRENDS IN REMOTE COLD AREAS	Dorothea Stumm	0:20
17:20	17:40		Oral	RECORDS OF WEST ANTARCTIC ICE SHEET DYNAMICS: A CASE FOR SHALLOW DRILLING IN THE AMUNDSEN SEA EMBAYMENT	Karsten Gohl	0:20
16:00	18:00	Session Theme: III (group 2)	Room: Amazonas	S32: Biodiversity, ecosystem function and environmental change: past, present and future	Session Chair: D. Bergstrom, E. Verleyen, A. Davidson and L. Campos	2:00
From	To	Title			Speaker	
16:00	16:20		Oral	HISTORICAL PROCESSES UNDERLIE ENDEMISM AND BIOGEOGRAPHICAL REGIONALISM IN ANTARCTIC DIATOM COMMUNITIES	Elie Verleyen	0:20
16:20	16:40		Oral	CONSERVATION BIOGEOGRAPHY OF THE ANTARCTIC: PAST PERSPECTIVES AND CURRENT APPROACHES	Aleks Terauds	0:20
16:40	17:00		Oral	BENTHIC MOSS PILLARS IN ANTARCTIC LAKES CONSIST OF TWO MOSSES NEW TO ANTARCTICA	Kengo Kato	0:20
17:00	17:20		Oral	DIVERSITY TRENDS OF MOSSES AND LICHENS IN VICTORIA LAND (CONTINENTAL ANTARCTICA)	Nicoletta Cannone	0:20
17:20	17:40		Oral	MONITORING TERRESTRIAL VEGETATION DYNAMICS IN THE ARGENTINE ISLANDS REGION	Iván Parnikoza	0:20
17:40	18:00		Oral	MARINE AND TERRESTRIAL ECOSYSTEM SERVICES IN FRENCH SOUTHERN AND ANTARCTIC TERRITORIES	Adeline Borot de Battisti	0:20
16:00	17:40	Session Theme: IV (group 2)	Room: Uruguay	S33: Antarctic astronomy - witness to the distant past and guide to the distant future	Session Chair: Takashi Ichikawa, Albrecht Karle	1:40
From	To	Title			Speaker	
16:00	16:20		Oral	DOME A ASTRONOMICAL OBSERVATORY: CURRENT STATUS AND FUTURE PROSPECT	Xuefei Gong	0:20

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Detailed Agenda 5th August

16:20 16:40	Oral	PERFORMANCE OF THE PLATO AUTONOMOUS OBSERVATORY AT DOME A OVER TWO AND A HALF YEARS	Michael C.B. Ashley	0:20
16:40 17:00	Oral	SITE TESTING AT DOME FUJI AS A NEW SITE FOR ASTRONOMICAL OBSERVATORY	Masumichi Seta	0:20
17:00 17:20	Oral	MEASUREMENT OF ACOUSTIC PROPERTIES OF SOUTH POLE ICE	Justin Vandenbroucke	0:20
17:20 17:40	Oral	COSMIC MICROWAVE BACKGROUND POLARIZATION MEASUREMENTS AND THE SEARCH FOR INFLATION FROM THE SOUTH POLE	John Kovac	0:20

Open Science Conference Banquet
(Gran Salon Panamericano)

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06-ago	Friday - Parallel Sessions	Session 1 (0830-1030)					Time
8:30	10:30	Session Theme: I	Room: Parana A	S7: Data access and sharing for cutting edge sciencee		Session Chair: Kim Finney	2:00
From	To	Title			Speaker		
8:30	9:00		Keynote	THE STATE OF POLAR DATA		Taco F. De Bruin	0:30
9:00	9:30		Keynote	THE ANTARCTIC MASTER DIRECTORY (AMD): FACILITATING THE DISCOVERY AND ACCESSIBILITY OF DATA COLLECTED IN ANTARCTICA		Stephanie Grebas	0:30
9:30	9:50		Oral	SCADM, PROMOTING AND CURATING THE VITAL DATA LEGACY OF ANTARCTICA		Taco F. De Bruin	0:20
9:50	10:10		Oral	THE FUTURE OF POLAR DATA MANAGEMENT IS HERE		Kim Finney	0:20
10:10	10:30		Oral	CORE-REF VIEWER: EXPLORING GEOLOGICAL AND GEOPHYSICAL DATA USING A WEB BROWSER INTERFACE		Frank Rack	0:20
8:30	10:30	Session Theme: III	Room: Buenos Aires	S24: Top predators in Antarctic marine ecosystems		Session Chairs: Dan Costa and Mark Hindell	2:00
From	To	Title			Speaker		
8:30	8:50		Oral	COMPARISON OF THE HABITAT SELECTION OF 4 SEALS IN THE WESTERN ANTARCTIC PENINSULA		Daniel Costa	0:20
8:50	9:10		Oral	ENVIRONMENTAL DETERMINANTS OF WINTER MIGRATION IN ANTARCTIC FUR SEALS		Mary-Anne Lea	0:20
9:10	9:30		Oral	OVERLAP VERSUS SEGREGATION: DO CRABEATER SEALS AND ELEPHANT SEALS UTILIZE SIMILAR HABITATS ALONG THE WESTERN ANTARCTIC PENINSULA?		Luis Hückstädt	0:20
9:30	9:50		Oral	OVERWINTER BEHAVIOR AND HABITAT PREFERENCES OF WEDDELL SEALS IN THE ROSS SEA		Kimberly Goetz	0:20
9:50	10:10		Oral	POPULATION DECLINE OF CHINSTRAP PENGUINS (PYGOSCELIS ANTARCTICA) ON DECEPTION ISLAND		Andrés Barbosa	0:20
10:10	10:30		Oral	SPATIAL AND TEMPORAL VARIATION IN THE DIET OF SUB-YEARLING SOUTHERN ELEPHANT SEALS		Andrea Walters	0:20
8:30	10:30	Session Theme: IV	Room: Rio Colorado	S37: Modern and paleotopographic/bathymetric reconstructions: Antarctic paleoenvironments		Session Chairs: P.Barrett, S. Jamieson	2:00
From	To	Title			Speaker		
8:30	9:00		Keynote	FROM SEDIMENT SINK TO EROSION SOURCE: RECONSTRUCTING ANTARCTIC PALAEOGEOGRAPHY AT THE EOCENE-OLIGOCENE CLIMATE TRANSITION		Stewart Jamieson	0:30
9:00	9:30		Keynote	PROGRESS TOWARDS THE ANTSCAPE LATE CRETACEOUS TIME SLICE PALEOGEOGRAPHIC MAPS		Graeme Eagles	0:30
9:30	9:50		Oral	THERMOCHRONOLOGIC EVIDENCE OF THE COLLAPSE OF A MESOZOIC WEST ANTARCTIC PLATE		Audrey Huerta	0:20
9:50	10:10		Oral	DISTRIBUTION AND TYPES OF CROSS-SHELF TROUGHS ON THE WEST ANTARCTIC CONTINENTAL MARGIN		Frank O. Nitsche	0:20
10:10	10:30		Oral	SEA BED GEOLOGY, PROCESSES AND HABITATS ON THE VESTFOLD HILLS COASTLINE, BASED ON HIGH RESOLUTION MULTIBEAM BATHYMETRY		Philip O'Brien	0:20
8:30	9:30	Session Theme: I (group 2)	Room: Parana B	S14: King George Island: model for interdisciplinary Antarctic science		Session Chair: Lucia Siqueira Campos	1:00
From	To	Title			Speaker		
8:30	8:50		Oral	SEDIMENT YIELD AND TRANSPORT PROCESSES BY SUBGLACIAL MELTWATER CHANNELS – WANDA GLACIER, KING GEORGE ISLAND, ANTARCTICA		Kátia kellem da Rosa	0:20
8:50	9:10		Oral	SPECIFIC ASPECTS OF ANTARCTIC HERB TUNDRA ALONG TWO ECOLOGICAL GRADIENTS		Iván Parnikoza	0:20

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9:10	9:30		Oral	A TRANSDISCIPLINARY APPROACH TOWARDS A BRAZILIAN ANTARCTIC EDUCATION AND OUTREACH PROGRAMME	Roseane Palavizini	0:20
8:45	10:30	Session Theme: II (group 2)	Room: Lagos	S17: Retrospective studies of Southern Ocean food webs: a guide to the future	Session Chair: T. Ballerini and E. Hofmann	1:45
From	To	Title			Speaker	
8:45	9:00		Introduction	INTRODUCTION TO THE SESSION	T. Ballerini, E. Hofmann	0:15
9:00	9:30		Keynote	SPATIAL AND TEMPORAL OPERATION OF SOUTHERN OCEAN FOOD WEBS: STRUCTURE, VARIABILITY, UNCERTAINTY AND MODELLING	Eugene Murphy	0:30
9:30	9:50		Oral	MODELING EARLY LIFE STAGES OF ANTARCTIC KRILL (EUPHAUSIA SUPERBA) IN CONTINENTAL SHELF ENVIRONMENTS ON THE WEST ANTARCTIC PENINSULA	Andrea Piñones	0:20
9:50	10:10		Oral	AN END-TO-END FOOD WEB MODEL FOR THE WESTERN ANTARCTIC PENINSULA	Tosca Ballerini	0:20
10:10	10:30		Oral	REGIONAL VARIATIONS IN CARBON UTILIZATION BY BENTHIC COMMUNITIES AROUND THE PRINCE EDWARD ISLANDS: STABLE ISOTOPE AND FATTY ACID SIGNATURES	Elizabeth Louise Allan	0:20
8:30	10:30	Session Theme: III (group 2)	Room: Amazonas	S32: Biodiversity, ecosystem function and environmental change: past, present and future	Session Chair: D. Bergstrom, E. Verleyen, A. Davidson and L. Campos	2:00
From	To	Title			Speaker	
8:30	8:50		Oral	IS MACROALGAL DISTRIBUTION EXPANDING IN RESPONSE TO CLIMATE-INDUCED GLACIER RETREAT AT POTTER COVE (SOUTH SHETLAND ISLANDS)?	María Liliana Quartino	0:30
8:50	9:10		Oral	MACROALGAL PHOTOSYNTHETIC LIGHT REQUIREMENTS IN RELATION TO THEIR VERTICAL DISTRIBUTION IN POTTER COVE, SOUTH SHETLAND ISLANDS, ANTARCTICA	Dolores Deregibus	0:30
9:10	9:30		Oral	SPATIAL VARIABILITY OF MEIOFAUNAL COMMUNITIES AT CASEY STATION	Mahadi Mohammad	0:20
9:30	9:50		Oral	VARIATION IN COASTAL BENTHIC HABITATS AND COMMUNITY TYPES IN RELATION TO SEA ICE AND COASTAL GEOGRAPHY IN THE VESTFOLD HILLS, EAST ANTARCTICA	Jonathan Stark	0:20
9:50	10:10		Oral	OXYGEN AND NUTRIENT FLUXES MEASURED AT THE SEABEDAT TWO CONTRASTING COASTAL ROSS SEA SITES	Drew Lohrer	0:20
10:10	10:30		Oral	ASSESSING THE DEEP BENTHIC COMMUNITY AT ADMIRALTY BAY, KING GEORGE ISLAND, ANTARCTICA	Lúcia Campos	0:20

COFFEE BREAK (1030-1100)

06-ago	Friday - Parallel Sessions	Session 2 (1100-1300)				Time
11:00	11:40	Session Theme: I	Room: Parana A	S7: Data access and sharing for cutting edge sciencee	Session Chair: Kim Finney	0:40
From	To	Title			Speaker	
11:00	11:20		Oral	THE SCAR MET-READER PROJECT	Steven Colwell	0:20
11:20	11:40		Oral	COLLABORATIONS AND CONTRIBUTIONS: MAJOR KEYS FOR HARMONY IN SCAR AND ANTARCTIC TREATY EFFORTS IN PALEOCLIMATE RESEARCH AND DATA SHARING	Alan Cooper	0:20
12:00	13:00	Session Theme: I	Room: Parana A	S9: Air-sea-ice interactions and shelf ocean processes	Session Chair: Marcos Tonelli	1:00
From	To	Title			Speaker	
12:00	12:30		Keynote	POTENTIAL IMPACTS OF BOTTOM CORRUGATIONS ON DENSE ANTARCTIC OUTFLOWS	Anna K. Wählin	0:20
12:30	13:00		Keynote	BRAZILIAN EFFORTS ON HEAT AND CARBON FLUX MEASUREMENTS OVER THE SOUTH ATLANTIC AND SOUTHERN OCEANS	Ronald Buss de Souza	0:20
11:00	12:40	Session Theme: II	Room: Bosques	S21: Climate and ecosystem changes in the Antarctic Peninsula region	Session Chair: Ad Huiskes	1:40

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From	To	Title		Speaker		
11:00	11:30	Keynote	UPPER CRETACEOUS MARINE PALEONVIRONMENTAL CHANGES IN THE JAMES ROSS BASIN, ANTARCTICA, AND THEIR CORRESPONDING FOSSIL RECORD: BIOGEOGRAPHIC AND PALEOCEANOGRAPHIC IMPLICATIONS	Eduardo B. Olivero	0:30	
11:30	12:00	Keynote	RAPID CLIMATE CHANGE AND ECOSYSTEM RESPONSE AT PALMER STATION, ANTARCTICA	Hugh Ducklow	0:30	
12:00	12:20	Oral	LATE HOLOCENE SEDIMENTATION PROCESSES IN MAXWELL BAY, KING GEORGE ISLAND, ANTARCTICA	H. Christian Hass	0:20	
12:20	12:40	Oral	A MODEL STUDY OF HOW CHANGES IN WINDS AFFECT CIRCUMPOLAR DEEP WATER TRANSPORT AND ICE SHELF BASAL MELT ALONG THE WEST ANTARCTIC PENINSULA	Eileen Hofmann	0:20	
11:00	13:00	Session Theme: III	Room: Buenos Aires	S28:Census of Antarctic Marine Life (CAML)	Session Chairs:Manuela Piona Basso	2:00
From	To	Title		Speaker		
11:00	11:20	Oral	EVIDENCE AND IMPLICATIONS FOR A DISTINCT BATHYAL FAUNA IN THE ANTARCTIC	Stefanie Kaiser	0:20	
11:20	11:50	Keynote	CENSUS OF ANTARCTIC MARINE LIFE (CAML) – THE FINAL YEAR	Victoria Wadley	0:30	
11:50	12:20	Keynote	SCAR-MARBIN AND ANTABIF: CAML'S VIRTUAL HERITAGE	Bruno Danis	0:30	
12:20	12:40	Oral	CENSUS OF ANTARCTIC MARINE LIFE (CAML) ACHIEVEMENTS IN SOUTH AMERICA SINCE 2006	Lucía de Siqueira Campos	0:20	
12:40	13:00	Oral	BARCODING ANTARCTIC BIODIVERSITY – A DROP IN THE OCEAN?	Rachel Grant	0:20	
11:00	13:00	Session Theme: IV	Room: Rio Colorado	S38:Dynamics of Antarctic ice streams and ice shelves: processes and patterns	Session Chair: Christina Hulbe	2:00
From	To	Title		Speaker		
11:00	11:30	Keynote	COMPARING FIELD OBSERVATIONS OF SUBGLACIAL PROCESSES: FROM THE METER SCALE TO HUNDRED-KILOMETER SCALE	Paul Winberry	0:30	
11:30	12:00	Keynote	GEOMORPHIC FEATURES AROUND A GROUNDING ZONE IMAGED BY SIDESCAN SONAR, PRYDZ BAY, ANTARCTICA	Philip O'Brien	0:30	
12:00	12:20	Oral	AGE AND DISTRIBUTION OF ICEBERG SCOURS ON THE PRYDZ BAY SHELF, ANTARCTICA	Alexandra Post	0:20	
12:20	12:40	Oral	BASAL CHARACTERISTICS AND INFERRED BATHYMETRY BENEATH THE MERTZ GLACIER TONGUE, ANTARCTICA FROM COUPLED AIRBORNE RADAR SOUNDING AND GRAVITY PRIOR TO THE FEBRUARY 12TH 2010 BREAKUP	Jamin Greenbaum	0:20	
12:40	13:00	Oral	CHANGES IN THE SURFACE VELOCITY OF THWAITES GLACIER FROM DIFFERENTIAL GPS OBSERVATIONS	Knut Christianson	0:20	
11:00	13:00	Session Theme: I (group 2)	Room: Parana B	S8: Evolution of the Antarctic continent and the global system	Session Chair: Marcelo Leppe	2:00
From	To	Title		Speaker		
11:00	11:30	Keynote	ASPECTS OF THE STRUCTURAL EVOLUTION OF BALCHEFJELLA, EAST SØR-RONDANE, ANTARCTICA	Geoffrey Grantham	0:30	
11:30	12:00	Keynote	A WINDOW THROUGH SUPERCONTINENT FORMATION: THE BUILDING BLOCKS OF EAST ANTARCTICA, REVEALED BY ZIRCON AGES FROM A GONDWANA SUTURE ZONE AT LÜTZOW-HOLM BAY	Daniel Dunkley	0:30	
12:00	12:20	Oral	PETROLOGIC AND AGE CONSTRAINTS FROM GRANULITES OF CENTRAL DRONNING MAUD LAND, EAST ANTARCTICA- IMPLICATION FOR EXTENSION OF EAST AFRICAN OROGENY IN ANTARCTICA	Naresh Chandra Pant	0:20	
12:20	12:40	Oral	BROADBAND SEISMIC DEPLOYMENTS IN EAST ANTARCTICA: IPY CONTRIBUTION TO UNDERSTAND EARTH'S INTERIOR - AGAP/GAMSEIS ; IPY # 147-	Masaki Kanao	0:20	
12:40	13:00	Oral	PALEOMAGNETIC STUDY OF MESOZOIC MAGMATIC ARC ROCKS IN NW ANTARCTIC PENINSULA. TECTONIC IMPLICATIONS	Nicolas Cosentino	0:20	
11:00	11:40	Session Theme: II (group 2)	Room: Lagos	S17: Retrospective studies of Southern Ocean food webs: a guide to the future	Session Chair: T. Ballerini and E. Hofmann	0:40
From	To	Title		Speaker		

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11:00	11:20		Oral	INTEGRATION OF PHOTOSYNTHETICALLY ACTIVE RADIATION ON SEA ICE AND INTER-ANNUAL VARIABILITY IN THE TIMING OF SEA ICE FORMATION ON THE WESTERN ANTARCTIC PENINSULA SEA ICE ECOSYSTEM	Christian H. Fritsen	0:20
11:20	11:40		Oral	INCREASED AMBIENT NOISE THROUGH SHIPPING TRAFFIC MAY REVERSE ANTARCTIC BALEEN WHALE RECOVERY	Tanja Pangerc	0:20
11:00	12:20	Session Theme: III (group 2)	Room: Amazonas	S32: Biodiversity, ecosystem function and environmental change: past, present and future	Session Chair: D. Bergstrom, E. Verleyen, A. Davidson and L. Campos	1:20
From	To	Title			Speaker	
11:00	11:20		Oral	SEASONAL AND INTER-ANNUAL DYNAMICS OF THE EPIPELAGIC MESOZOOPLANKTON COMMUNITY IN THE LAZAREV SEA	Evgeny Pakhomov	0:20
11:20	11:40		Oral	THE SUMMER, AUTUMN AND WINTER DISTRIBUTION OF MACROZOOPLANKTON AND MICRONEKTON BETWEEN THE SURFACE AND DEEP MESOPELAGIC LAYERS OF THE LAZAREV SEA (ANTARCTICA): SEASONAL CYCLES AND IMPLICATIONS FOR ECOSYSTEM FUNCTIONING	Brian Hunt	0:20
11:40	12:00		Oral	SUMMER GRAZING IMPACT OF THE DOMINANT MACROZOOPLANKTON IN THE WESTERN ANTARCTIC PENINSULA	Kim Bernard	0:20
12:00	12:20		Oral	HISTORICAL BIOGEOGRAPHY AND MOLECULAR PHYLOGENY IN NACELLA (PATELLOGASTROPODA: NACELLIDAE) IN THE SOUTHERN OCEAN	Claudio A. González-Wevar	0:20
11:00	12:20	Session Theme: IV (group 2)	Room: Uruguay	S40: The Antarctic ice sheet: from inception to demise: data and models	Session Chair: Stephan Pekar	1:40
From	To	Title			Speaker	
11:00	11:20		Keynote	THE DEVELOPMENT OF THE ANTARCTIC CRYOSPHERE DURING THE CENOZOIC: WHEN DID THE ICE SHEET COMETH?	Stephen Pekar	0:30
11:20	11:40		Keynote	CENOZOIC VEGETATION AND CLIMATE IN COASTAL VICTORIA LAND	Ian Raine	0:30
11:40	12:00		Oral	ANDRILL TARGETS PALEOGENE SECTION AT COULMAN HIGH, ROSS SEA, TO RECOVER HISTORY OF THE WEST ANTARCTIC ICE SHEET	Richard H. Levy	0:20
12:00	12:20		Oral	CENOZOIC ICE SHEET HISTORY FROM SEDIMENTS RECOVERED FROM THE WILKES LAND MARGIN: IODP EXPEDITION 318	Carlota Escutia	0:20

LUNCH (1300-1430) & Screening of the film "365 days under Antarctic ice" (Salon Amazonas 1330-1430)

06-ago	Friday - Parallel Sessions	Session 3 (1430-1630)				Time
14:30	15:30	Session Theme: I	Room: Parana A	S9: Air-sea-ice interactions and shelf ocean processes	Session Chair: Marcos Tonelli	1:00
From	To	Title			Speaker	
14:30	14:50		Oral	NEW AIRBORNE RADAR SOUNDING OBSERVATIONS OF LARSEN B AND C ICE SHELVES, ANTARCTIC PENINSULA	Jamin Greenbaum	0:20
14:50	15:10		Oral	MAY WE EXPECT ANY INFLUENCE OF THE CHAITEN'S VOLCANO ERUPTION IN THE ANTARCTIC TERRITORY?	Bibiana Jara	0:20
15:10	15:30		Oral	HEAVY METAL IONS IN ANTARCTIC AND SUBANTARCTIC SEAS	Teodore Gh. Negoita	0:20
14:30	15:30	Session Theme: II	Room: Bosques	S21: Climate and ecosystem changes in the Antarctic Peninsula region	Session Chair: Ad Huiskes	1:00
From	To	Title			Speaker	
14:30	14:50		Oral	GEOCHEMISTRY OF STREAMS FROM BYERS PENINSULA, LIVINGSTON ISLAND	W. Berry Lyons	0:20
14:50	15:10		Oral	COASTAL ECOSYSTEM RESPONSES TO GLOBAL WARMING: A SMALL-SCALE CASE AT POTTER COVE	Ricardo Sahade	0:20
15:10	15:30		Oral	THE USE OF PASSIVE WARMING CHAMBERS IN ANTARCTICA: EFFECTS ON MICROCLIMATE AND TERRESTRIAL BIOTA	Ad H. L. Huiskes	0:20

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Detailed Agenda 6th August

14:30	16:10	Session Theme: III	Room: Buenos Aires	S28:Cernsus of Antarctic Marine Life (CAML)	Session Chair:Manuela Piona Bassoi	1:40
From	To	Title			Speaker	
14:30	14:50	Oral		ANTARCTIC HOLOTHUROIDS (ECHINODERMATA) FROM THE BRANSFIELD STRAIT AND SOUTH SHETLAND ISLANDS	Rafael Moura	0:20
14:50	15:10	Oral		DIVERSITY AND DISTRIBUTION OF SOUTHERN OCEAN TURBELLARIANS (PLATYHELMINTHES)	Odile Volonterio	0:20
15:10	15:30	Oral		A MEGABENTHOS COMMUNITY CENSUS IN RELATION TO CIRCULATION DYNAMICS AT ADMIRALTY BAY, KING GEORGE ISLAND, ANTARCTICA	Lucía de Siqueira Campos	0:20
15:30	15:50	Oral		STABLE ISOTOPES AND FOOD ANALYSIS DOCUMENT ONTOGENIC CHANGES IN THE FEEDING ECOLOGY OF THE ANTARCTIC SILVERFISH	Carolina Giraldo	0:20
15:50	16:10	Oral		CEPHALOPOD BEAK GUIDE FOR THE SOUTHERN OCEAN: APPLICATION IN STUDIES OF ANTARCTIC FOOD WEB	Jose Xavier	0:20
14:30	15:50	Session Theme: IV	Room: Rio Colorado	S38: Dynamics of Antarctic ice streams and ice shelves: processes and patterns	Session Chair: Christina Hulbe	1:20
From	To	Title			Speaker	
14:30	14:50	Oral		SURFACE VELOCITY MAPPING OF LAMBERT GLACIER-AMERY ICE SHELF SYSTEM USING FEATURE-TRACKING	Zhaohui Chi	0:20
14:50	15:10	Oral		INCREASE IN FLOW VELOCITY OF THE ANTARCTIC SHIRASE GLACIER OVER AN 11-YEAR PERIOD	Kazuki Nakamura	0:20
15:10	15:30	Oral		DYNAMICS OF FLEMING GLACIER, ANTARCTIC PENINSULA: CHANGES IN ICE ELEVATION AND ICE FLOW VELOCITIES	Anja Wendt	0:20
15:30	15:50	Oral		DYNAMIC RESPONSE OF TRIBUTARY GLACIERS TO DISINTEGRATION OF LARSEN ICE SHELF	Sebastián Marinsek	0:20
14:50	16:10	Session Theme: I (group 2)	Room: Parana B	S8: Evolution of the Antarctic continent and the global system	Session Chair: Marcelo Leppe	1:20
From	To	Title			Speaker	
14:50	15:10	Oral		LATE NEOGENE GLACIAL AND TECTONIC HISTORY OF THE SOUTHERN VICTORIA LAND BASIN FROM AN INTEGRATED DRILL CORE-SEISMIC STRATIGRAPHIC RECORD	Richard H. Levy	0:20
15:10	15:30	Oral		NEW GEOLOGICAL EVIDENCE SUGGESTING CLOSE PALEOGEOGRAPHIC RELATIVE POSITIONS BETWEEN TIERRA DEL FUEGO AND THE ANTARCTIC PENINSULA DURING THE PERMIAN	Francisco Hervé	0:20
15:30	15:50	Oral		PETROGRAPHY AND GEOCHEMISTRY OF THE TRINITY PENINSULA GROUP, ANTARCTIC PENINSULA: IMPLICATIONS FOR PROVENANCE AND TECTONIC SETTING	Paula Castillo	0:20
15:50	16:10	Oral		UNDERSTANDING THE PALEOGEOGRAPHIC SIGNIFICANCE OF THE CRETACEOUS OUTCROPS OF THE SOUTH SHETLAND ISLANDS, ANTARCTICA	Marcelo Leppe	0:20
14:30	16:30	Session Theme: III (group 2)	Room: Amazonas	S23:Polar genomics, gene flow, population dynamics and adaptation	Session Chair: Christoph Held	2:00
From	To	Title			Speaker	
14:30	15:00	Keynote		LONG-DISTANCE ISLAND HOPPING WITHOUT DISPERSAL STAGES: TRANSPORTATION ACROSS MAJOR ZOOGEOGRAPHIC BARRIERS IN A SOUTHERN OCEAN ISOPOD	Florian Leese	0:30
15:00	15:30	Keynote		PARENTAGE ANALYSES IN THE BROODING ECHINOID ABATUS AGASSIZII (SPATANGOIDA: SCHIZASTERIDAE)	Claudia Maturana Bobadilla	0:30
15:30	15:50	Oral		SMALL AND LARGE-SCALE GENETIC CONNECTIVITY IN ANTARCTIC BENTHIC AMPHIPODS	Helena Baird	0:20
15:50	16:10	Oral		CLONING AND EXPRESSION ANALYSIS OF ALLOGRAFT INFLAMMATORY FACTOR TYPE-1 (AIF-1) IN COELOMOCYTES OF ANTARCTIC SEA URCHIN (STERECHINUS NEUMAYERI)	Marcelo González Aravena	0:20
16:10	16:30	Oral		EVOLUTIONARY HISTORY OF SOUTHERN OCEAN SEA STAR SPECIES ACROSS THE DRAKE PASSAGE (ODONTASTERIDAE; ASTEROIDEA)	Alexis Janosik	0:20
14:30	16:30	Session Theme: IV (group 2)	Room: Uruguay	S40: The Antarctic ice sheet: from inception to demise: data and models	Session Chair: Stephan Pekar	2:00
From	To	Title			Speaker	

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Detailed Agenda 6th August

14:30	14:50	Oral	DIATOMS AS PROXIES FOR ICE SHELF HISTORY	Amy Leventer	0:20
14:50	15:10	Oral	A CONTINUOUS GPS NETWORK FOR MEASURING CRUSTAL RESPONSE TO CHANGES IN ICE MASS, A SUB-PROJECT OF LARISSA (LARSEN ICE SHELF SYSTEM, ANTARCTICA) AND POLENET	Eugene Domack	0:20
15:10	15:30	Oral	EXTENT, GEOMORPHOLOGY AND GEOPHYSICS OF THE AURORA AND WILKES SUBGLACIAL BASINS, EAST ANTARCTICA: INFLUENCES ON ICE SHEET ARCHITECTURE	Duncan Young	0:20
15:30	15:50	Oral	ANTARCTIC GLACIOLOGY AND CLIMATOLOGY IN BOREHOLES	Delia Tosi	0:20
15:50	16:10	Oral	NEW GEOPHYSICAL SURVEYS HELP EXPLAIN THE STRATIGRAPHIC AND TECTONIC HISTORY OF OFFSHORE NEW HARBOR, ROSS SEA, ANTRACTICA	Marvin Speece	0:20
16:10	16:30	Oral	PLIOCENE SPORE POLLEN ASSEMBLAGE-EVIDENCE FOR THE COLLAPSE OF EAST ANTARCTIC ICE SHEET?	Lijie Wei	0:20

06-ago Friday - Plenary					Time
Closing Plenary Session - Gran Salon Panamericano					
From	To		Title	Speaker	
16:45	17:05		PRESENTATION OF BEST POSTER AND ORAL PRIZES FOR DIFFERENT THEMES	Sergio Marensi	0:20
17:05	17:10		SCAR 2012	Christina Hulbe	0:05
17:10	17:20		CONCLUDING REMARKS	Sergio Marensi, Carlota Escutia, John Priscu, Mike Sparrow, Chuck Kennicutt	0:10