

Initial Summary of Ideas Submitted to the ICSU International Polar Year Planning Group

(Version 1.0, 13th February 2004)

Please Note – If you have submitted an idea to the IPY PG and it is not recorded here, please resubmit to jcel@bas.ac.uk and accept our apologies – the response has been overwhelming!

1	Ian Allison	ian_all@aad.gov.au Australian Antarctic Division	Global interactions in the Earth's polar regions
2	Leonard Johnson Support from many members of the Arctic Earth Science community	University of Alaska-Fairbanks	Arctic Geology and Geophysics A) the climatic and paleoceanographic evolution of the Arctic region and its effects on global climate, the biosphere and the dynamics of the world ocean and atmosphere; and B) the nature and evolution of the major structural features of the Arctic Ocean Basin and circum-Arctic continental margins.
3	Chad Dick	Dr Chad Dick, Director International ACSYS/CliC Project Office Norwegian Polar Institute The Polar Environmental Centre N-9296 Tromsø, Norway Tel: +47 77 75 0145 Fax: +47 77 75 05 01 E-mail: chad.dick@npolar.no	Cryosphere role in global climate change Submitted on behalf of WCRP for consideration by the ICSU Planning Group WCRP considers research into the physical climate system, and its variability and change, to be one of the top priorities
4	P. Gudmandsen	Technical University of Denmark, e-mail: pg@oersted.dtu.dk Representing the Danish response to IPY	Climate variability (NAO/AO), the mass balance of the Greenland inland ice with studies of outlet glaciers and Hans Tausen

			Iskappe in northern Greenland, geophysical investigations including gravity measurements, sea ice studies including ice-drift camps and meteorology in the Arctic Ocean and Fram Strait, the influence of climate variations on terrestrial ecosystems, permafrost studies and Deep Ocean Drilling in the Arctic Ocean, the latter within the established international framework
5	Harsh Gupta	Secretary to the Government of India, Department of Ocean Development, Block – 12, C.G.O. Complex, Lodhi Road, NEW DELHI – 110 003.	a. Ozone hole. b. Depletion/accretion of polar areas. c. The health of polar regions. d. The dynamics of polar regions
6	Vladimir Kotlyakov	igras@igras.geonet.ru	Cryosphere and climate – general points
7	Dr John Marks Also Ed de Mulder President of IGUS (address elsewhere)	Director of Earth and Life sciences NWO PO Box 93510 Laan van Nieuw Oost Indië 300 2509 AM The Hague the Netherlands	Year of the Earth 2004-07
8	Yasu Naito	tel: 03-3962-4722 fax: 03-3962-2529 NIPR 9-10, 1 Chome Kaga Itabashi-ku, Tokyo 173-8515 E-mail: naito@nipr.ac.jp	Memorial event for IPY
9	Will Steffen	Executive Director, IGBP Royal Swedish Academy of Sciences Box 50005 S-104 05 Stockholm Sweden Tel: +46-8-16-64-48 Fax: +46-8-16-64-05 Email: will@igbp.kva.se	IGBP regional study of polar regions
10	Chris Wilson Detlef Demaske	School of Earth Sciences, The University of Melbourne cjlw@unimelb.edu.au Bundesanstalt für Geowissenschaften	GigaGAP - Geoscientific Insights of Greater Antarctica in the

	Karsten Gohl,, Damian Gore	und Rohstoffe D.Damaske@bgr.de Alfred Wegener Institute for Polar and Marine Research (kgohl@awi- bremerhaven.de , Macquarie University dgore@els.mq.edu.au	area from Gamburtsev Mountains, Amery Ice Shelf to Prydz Bay
11	Dr.Alexander Zaitzev in accordance with Dr.V.Obridko.	zaitzev@izmiran.rssi.ru	IHY/CAWSES
12	The late Mario Zuchelli		Subglacial lakes/IDEA/ozone monitoring network
13	Arnold Gordon [Columbia/LDEO]	US CLIVAR SOWG Sarah Gille [Scripps] Kevin Speer [FSU] Chris Sabine [PMEL] Steve Warren [UW] Achim Stoessel [TAMU] William Smethie [Columbia/LDEO]	Polar Climate Transects
14	Jackie Grebmeier Also Leif Anderson (Sweden), Eddy Carmack (Canada), Mickle Flint (Russia), Louie Fortier (Canada), Heide Marie Kassens (Germany), Wieslaw Maslowski (USA), Koji Shimada (Japan), Rudiger Stein (Germany), Leonid Timokov (Russia), Paul Wassman (Norway), Jinping Zhao (China).	University of Tennessee, jgrebmei@utk.edu , tel: 865-974-2592	INTERNATIONAL ARCTIC SHELF- BASIN EXCHANGE OBSERVATIONS: AN "ARCTIC SNAPSHOT" PROPOSAL FOR IPY07/08
15	Priscu, John	406-994-3250 (office); 406-570-6761 (mobile) 406-994-5863 (fax) email: jpriscu@montana.edu Dept. LRES 304 Leon Johnson Hall Montana State University Bozeman, MT 59717	Exploration of subglacial environments
16	Eduard Sarukhanian	Sarukhanian_E@gateway.wmo.ch Director of World Weather Watch- Applications Department in WMO Secretariat	WMO sponsored Third IPY
17	Philip Woodworth	plw@pol.ac.uk FROM NOVEMBER 2003: Proudman Oceanographic Laboratory, Joseph Proudman Building, 6 Brownlow Street, Liverpool L3 5DA, U.K. Tel: +44 - 151 - 795 4800 Fax: +44 - 151 - 795 4801	Links to GLOSS/IGGOS/ GOOS studies, Network of tide gauges in both polar oceans, Freshening of oceans.
18	Dr Gareth Rees	wgr2@cam.ac.uk Polar Landscape & Remote Sensing Group , Scott Polar Research Institute Lensfield Road, Cambridge CB2 1ER Int +44 1223 336540 Direct line 336575 Fax 01223 336549	ISIRA
19	Cynan Ellis-Evans	jcel@bas.ac.uk	EURO-IPY – a coordinated contribution by Europe to climate change impacts in the Arctic
20	Dr Karen J. Heywood,	Reader in Physical Oceanography School of Environmental Sciences	Exchanges Across Antarctic and Arctic

		University of East Anglia Norwich NR4 7TJ, U.K. Tel. -44-1603-592555 Fax. -44-1603-59591327 Email k.heywood@uea.ac.uk	Circumpolar Shelf Break Fronts: Similarities, Differences and Impacts IANZone proposal
21	Ursula Schauer with Christian Haas, Peter Lemke, Gereon Budeus, Eberhard Fahrbach	Alfred-Wegener-Institut für Polar- und Meeresforschung Postfach 120161 D-27515 Bremerhaven Phone +471-48311817 Fax +471-48311797 email: uschauer@awi-bremerhaven.de	An Arctic IPY 2007 cruise with the ice breaker Polarstern to the central Arctic with a focus on climate research. The central aim is to obtain a comprehensive data set describing the present state of Arctic climate.
22	Jane Francis	Dept of Earth Sciences University of Leeds jane@earth.leeds.ac.uk	Science in the footsteps of explorers Vertical transects of the polar regions Searching for extra terrestrial life – analogues for outer space The Cretaceous- Tertiary catastrophe in the polar regions The changing magnetosphere – implications for life
23	Dr Andrea Jackson	Atmospheric Chemistry School of the Environment, University of Leeds	Large scale atmospheric chemistry / air-ice interaction programme to study pollutants
24	Odd Rogne	Executive Secretary of IASC IASC Secretariat Middelthuns gt. 29 P.O. Box 5156 Majorstua N-0302 Oslo, Norway Tel.:+47-2295 9902, Fax:+47-2295 9901	Supporting letter for IPY 2007-08 <i>ICARP II – Possible overarching theme - Understanding the Arctic System: Regional Sustainable Development and Global Connections</i>
25	Professor Ian Dowman	Secretary General International Society for Photogrammetry and Remote Sensing Department of Geomatic Engineering University College London Gower Street London WC1E 6BT United Kingdom Tel: +44 20 7679 7226 Fax: +44 20 7380 0453 idowman@ge.ucl.ac.uk	Earth Observation – workshop in 2007.
26	Prof Gerard Jugie Dr Paul Egerton	Executive Scientific Secretary European Polar Board European Science Foundation	INTERNATIONAL POLAR YEAR 2007-

		1 Quai Lezay Marnesia, BP 90015 F-67080 Strasbourg Cedex France Email: pegerton@esf.org <mailto:pegerton@esf.org> Cellular phone: 00 44 776 429 1796 Strasbourg Office: 00 33 388 76 71 66	EPB EUROPEAN INVOLVEMENT AND VISION
27	Bob Dickson	Centre for Environment, Fisheries and Aquaculture Science (CEFAS), The Laboratory, Pakefield Road Lowestoft Suffolk NR33 OHT England. tel: (44) 1502-524282 fax: (44) 1502 513865 r.r.dickson@cefas.co.uk	Global theme on the role of the (bi)polar oceans in the Global Water Cycle
28	Ed De Mulder	demulder@wxs.nl	UNESCO International Year of Planet Earth 2004-07 - Earth Sciences for Society
29	Michael Kuhn	Michael.Kuhn@uibk.ac.at	IGY+50
30	Prof Paul S Cannon, FREng, PhD Vice-chair Commission G - URSI Not for general release?	Chief Scientist, Communications Department. Centre for RF Propagation and Atmospheric Research (CPAR) QinetiQ, Malvern, WR14 3PS,UK tel: +44 (0)1684-896468 fax: +44 (0)1684-894657 Mobile:+44 (0)7990-564772 email: pcannon@qinetiq.com	a.. Space weather b.. Solar variability coupling to the middle atmosphere c.. Relations of upper atmosphere phenomena with climate, biogeochemical cycles and eco systems
31	Kerridge, David J	djk@bgs.ac.uk	Space weather and the solar minimum
32	Sheldon Drobot Also Mary Albert, US NC IPY chair malbert@crrel.usace.army.mil Chris Elfring, PRB Director celfring@nas.edu	Study Director Polar Research Board & Board on Atmospheric Sciences and Climate The National Academies Washington, DC 20001 Tel: 202.334.1942 Fax: 202.334.1477 sdrobot@nas.edu	American National Committee
33	P.J. Capelotti, Ph.D.	Penn State University Abington College Abington, PA USA pjc12@psu.edu Dr. Urban Wråkberg, Swedish Programme for Social Science Research in the Polar Regions; Dr. Susan Barr, Riksantikvaren, Oslo, Norway.	Social construction of polar science: archaeological examinations of international polar research sites on Ellesmere, Greenland, Svalbard, and Franz Josef Land
34	Michael Ritzwoller	Center for Imaging the Earth's Interior, Dept of Physics, University of Colorado at Boulder, Boulder CO	Aspects of Antarctic Array and Some Mantle Imaging

		80390-0309. ritzwoller@ciei.colorado.edu	Efforts in Antarctica and over the Arctic
35	Dr. Jesse Johnson Dr. Slawek Tulaczyk,	Dept of Computer Sciences, University of Montana Dept of Earth Sciences, University of California, Santa Cruz	IPY Community Ice Sheet Model Initiative
36	Igor Smolyar	?	Fisheries in the Arctic
37	Dr. S. Tulaczyk Dr. G. Clow Dr. D. Elliot Dr. J.C. Priscu Dr. R.D. Powell	Dept of Earth Sciences, Univ. of California, Santa Cruz USGS Denver; Department of Geological Sciences, Ohio State University Department of Land Resources, Montana State University Dept. of Geological and Environmental Sciences, Northern Illinois University	IPY – FASTDRILL: Interdisciplinary Polar Science and Fast Ice-Sheet Drilling Along a Transect Across West Antarctica
38	Frank Carsey and Alberto Behar,	California Institute of Technology Jet Propulsion Laboratory, Pasadena CA 91109	An International Fleet Of Polar Rovers To Demonstrate Long-Range Robotic Exploration And Address Climate Science During International Polar Year 2007-2008
39	Ginny Catania Glaciology Group at the University of Washington in Seattle, including: Howard Conway; Charlie Raymond; Ed Waddington; Kenichi Matsuoka, Tom Neumann, Bob Hawley, Claire Todd, John Stone, Bernard Hallet, Dale Winebrenner, Eric Steig, Steve Price, Steve Warren, Erin Pettit	ginny@geophys.washington.edu , Department of Earth and Space Sciences, University of Washington, Box 351310 Johnson Hall Room 63, Seattle, WA 98195-1650, ph.: 206-543-0162, fax: 206-543-0489	How will Ice Sheets Contribute to Global Sea Level Rise?
40	James Maslanik Frank Carsey, Judith Curry, Sheldon Drobot, William Emery, Ben Holt, Mark Johnson, Peter Wadhams	james.maslanik@colorado.edu , Colorado Center for Astrodynamics Research, University of Colorado, Tel: 303-492-8974; Fax: (303) 492-2825	The New Polar Explorers of the 21 st . Century: Autonomous Vehicles
41	Robyn M. Millan	Dept. of Physics and Astronomy, Dartmouth College, < Robyn.Millan@dartmouth.edu > (603) 646-3969	Polar Balloon Experiments
42	Marc Lessard Jim LaBelle, Kristina Lynch and Robyn Millan Paul Kintner Rob Pfaff Craig Kletzing	Dartmouth College Dartmouth College Cornell University Goddard Space Flight Center University of Iowa	Sounding Rockets for Studies in ionospheric and magnetospheric Physics
43	Sydney Levitus Others: Charlie Eriksen, Peter Rhines	World Data Center for Oceanography, Silver Spring, MD	Structure of High Northern Latitude Climate Variability In Space And Time

44	Sydney Levitus	World Data Center for Oceanography, NODC/NOAA, E/OC5, 1315 East West Highway, Room 4362, Silver Spring, MD 20910-3282. Phone 301 713 3294.	Historical Oceanographic, Meteorological, Hydrological & other Geophysical Databases
45	Dr. Claire L. Parkinson,	Oceans and Ice Branch/Code 971, NASA Goddard Space Flight Center, Greenbelt, MD 20771 USA, Phone: 301-614-5715	Odyssey of the Mind: A Polar Problem
46	Donald K. Perovich Also - Jacqueline A. Richter-Menge, Ignatius Rigor, Claire L. Parkinson, John W. Weatherly, Son V. Nghiem, Andrey Proshutinsky, James E. Overland, and Cathleen Geiger		Assessing, understanding, and conveying the state of Arctic sea ice cover
47	Prof. Kendrick Taylor	Division of Hydrological Sciences, Desert Research Institute, Phone: 775 673 7375, Email: kendrick@dri.edu ,	Understanding the Role of the Polar Regions in Climate Change
48	Jason E. Box, Ph.D	Byrd Polar Research Center and Dept. of Geography / Atmospheric Science Program The Ohio State University, Columbus, OH, USA Tel:+1 614-247-6899 Fax:+1 614-292-4697 http://www-bprc.mps.ohio-state.edu/jbox/	Expanding Monitoring and Remote Sensing in the Polar Regions
49	Tony Hansen	TonyHansen@mageesci.com	Advanced instrumentation to facilitate research in the Arctic and Antarctic
50	Paul Shepson Paty Matrai Jan Bottenheim	pshepson@purdue.edu pmatrai@bigelow.org jan.bottenheim@ec.gc.ca	OASIS ("Ocean-Atmosphere-Sea Ice-Snowpack Interactions") as an IPY Core Activity
51	Dr. Vladimir Sevostianov	"Commander Islands & BC Nature Protection and Conservation Association", P.O.Box 5482, Victoria, BC, Canada, V8R 6S4, E-Mail: seaotter3@hotmail.com ,	Commander Islands as the significant point for monitoring some dangerous changes in the North Pacific Ecosystem (Beringia)
52	Dr Eric Wolff Prof. Paul Shepson,	British Antarctic Survey, High Cross, Madingley Road, Cambridge CB3 0ET, UK. E-mail: ewwo@bas.ac.uk Department of Chemistry, Purdue University, 560 Oval Drive, West Lafayette, Indiana 47907-2084, E-mail: pshepson@purdue.edu	Air-Ice Chemical Interactions (AICI), and the IPY
53	Ted A. Scambos	National Snow and Ice Data Center	Re-Surveying Antarctic '10-meter' Borehole Temperatures – A project concept for the International Polar Year of 2007/08
54	David Ainley	Harvey Ecology,	The Ross Sea as a

		dainley@harevyecology.com	Research Base for IPY – the last pristine marine ecosystem
55	Bernard Coakley Leonard Johnson Yngve Kristoffersen Franz Tessensohn	Geophysical Institute, University of Alaska, USA; Bernard.Coakley@gi.alaska.edu Institute for Marine Studies, University of Alaska, USA; Gljgerg1@aol.com University of Bergen, Norway; yngve.kristoffersen@geo.uib.no Bundesanstalt für Geowissenschaften und Rohstoffe, Germany; franz.tessensohn@bgr.de	Arctic Gateways – An Interdisciplinary, International Collaboration for IPY. The detailed history of the gateway development is not well known, in spite of the fact that they provide an essential boundary condition for understanding the history of high-latitude climate, the oceanography of the basins and the interpretation of the results of any scientific drilling expedition.
56	Carol Finn Marta Ghidella Emanuele Bozzo Detlef Damaske Fausto Ferracioli Alexander Golynsky Takemi Ishihara Wilfried Jokat Michael Studinger Christopher Wilson	U. S. Geological Survey Instituto Antártico Argentino, Argentina University of Genoa, Italy,; Bundesanstalt fuer Geowissenschaften und Rohstoffe, Germany British Antarctic Survey, England VNIIOkeangeologia, Russia,; Geological Survey of Japan, , Alfred Wegener Institute, Germany Lamont-Doherty Earth Observatory, Columbia University, University of Melbourne, Australia	IPY Airborne Geophysical Surveys - Key issues in Antarctic research that require airborne gravity, magnetic, laser altimetry and ice-penetrating radar measurements from long- and mid-range fixed-wing and helicopter platforms fall in the context of three major themes: (1). geology and ice sheet dynamics; (2). crustal architecture of the East Antarctic shield, and (3) geodynamics of rifting in an ice-covered environment.
57	Brad Barr	NOAA, Woods Hole, MA 02543 Tel: 508-457-2234; Fax: 508-457-2309; Brad.Barr@noaa.gov	Impacts of Change in the Arctic
58	David H. Bromwich Support from many members of the Arctic Atmospheric Science community	The Ohio State University, Columbus, Ohio 43210 Tel: 614-292-6692, FAX: 614-292-4697, bromwich@polarmet1.mps.ohio-state.edu or bromwich.1@osu.edu	The Polar Atmospheric Initiative
59	Steve Ackley	sackley@pol.net	Antarctic Sea Ice Thickness in The International Polar

			Year
60	Vladimir Romanovsky Jerry Brown Gary Clow Margo Burgess Sharon Smith Charles Harris	University of Alaska Fairbanks International Permafrost Assocn. U.S. Geological Survey Geological Survey of Canada Cardiff University, UK	The Thermal State of Permafrost: A Contribution to the International Polar Year
61	Berry Lyons Dana Bergstrom	The Ohio State University Australian Antarctic Division, Hobart.	Terrestrial/Limnetic Ecosystem Science in Antarctica: An Opportunity for The International Polar Year
62	Zhang Zhanhai	zhangzhanhai@263.net.cn Prof./Dr. Zhanhai Zhang Director Polar Research Institute of China, 451 Jinqiao Road Shanghai Pudong 200129 China Tel: +86 21 68507533 +86 21 58711801-246 (DDI) +86 21 58711663 Also Martin Bergmann, PAG Chair (bergmannm@dfo-mpo.gc.ca) John Calder, PAG Secretariat (John.Calder@noaa.gov)	For the period of the IPY (2007-2008), the Pacific Arctic Group (PAG) proposes that there be a set of <u>coordinated regional studies</u> in the Canada Basin and Arctic marginal seas from the Beaufort Sea west to the East Siberian Sea for the purposes of environmental characterization (exploration and discovery), establishment of environmental benchmarks (physical, chemical, biological) against which to assess future environmental change, and ground-truthing of satellite sensors.
63	Cynan Ellis-Evans for the UK-IPY NC	jccl@bas.ac.uk	UNITED KINGDOM IPY 2007-08 NATIONAL COMMITTEE Initial Recommendations to the ICSU IPY Planning Group
64	Riitta Mansukoski Secretary to National Board on Scientific Polar Research and the Committee for Northern Research	Tel.: +358-9-1606 3724 Fax.: +358-0-1606 Email: riitta.mansukoski@ktm.fi Address: Ministry of Trade and Industry P.O.Box 32 FIN-00023 VALTIONEVOSTO Finland	Finnish interest in IPY

65	<p>Tatsuo Sweda</p> <p>Takehisa Oikawa</p> <p>Masahiro Amano</p> <p>Ross W. Wein</p> <p>David Price</p> <p>Vladimir Sokolov</p> <p>Alexander S. Alekseev</p> <p>Hakan Olsson</p> <p>Ross Nelson</p>	<p>Faculty of Agriculture, Ehime Univ. sweda@agr.ehime-u.ac.jp Institute of Biological Sciences, University of Tsukuba (toecolog@sakura.cc.tsukuba.ac.jp) School of Human Sciences, Waseda Univ. (amano@waseda.jp) Department of Renewable Resources, University of Alberta (ross. wein@ualberta.ca) Northern Forestry Research Centre, Canadian Forestry Service DPrice @NRCan.gc.ca Sukachev Institute of Forest and International Forestry Institute (alma_sok@hotmail.com) Sankt-Perersburg State Forest Technical Academy (Alekseev@AA2996.spb.edu) Swedish University of Agricultural Sciences hakan.olsson@resgeom.slu.se NASA-Goddard Space Flight Center Ross.F.Nelson@nasa.gov</p>	<p>CACA GRANDE Complete Assessment of Carbon Allocation by Ground Ranging and Echoing of Arctic/Boreal Regions</p>
66	<p>Dr. Karsten Gohl The members of the D-IPY-Committee are: Reinhard Dietrich (Chair), Institute for Planetary Geodesy, University of Technology Dresden, Ph. +49-351-463 34652; e- mail: dietrich@ipg.geo.tu-dresden.de Karsten Gohl (Secretary), Dept. Geosystem (Geophysics), Alfred Wegener Institute, Ph. +49-471-4831 1361; e-mail: kgohl@awi-bremerhaven.de Angelika Brandt, Institute of Zoology, University of Hamburg Eberhard Fahrbach, Dept. Climate System (Oceanography), Alfred Wegener Institute Rainer Gersonde, Dept. Geosystem (Marine Geology, Paleoceanography), Alfred Wegener Institute Heinz Miller, Dept. Geosystem (Glaciology & Geophysics), Alfred Wegener Institute Ursula Schauer, Dept. Climate System (Oceanography), Alfred Wegener Institute Franz Tessensohn, Dept. Polar</p>	<p>Alfred Wegener Institute for Polar and Marine Research Postfach 120161 D-27515 Bremerhaven Germany Tel.: +49 (0)471 4831 1361 Fax: +49 (0)471 4831 1149 email: kgohl@awi-bremerhaven.de</p>	<p>German Committee for the International Polar Year 2007/8</p>

	Geology, Fed. Institute for Geosciences & Resources (BGR)		
67	M. Klenke & H.-W. Schenke	mklenke@awi-bremerhaven.de Alfred Wegener Institute for Polar and Marine Research, Postbox 120161, D-27515 Bremerhaven, Germany Tel.: +49 471 4831 1167	POBACE: Polar Ocean Bathymetry Coordination Effort
68	J Thiede	(jthiede@awi-bremerhaven.de)	Atlas of sidescan sonar imagery of Polar continental margins
69	Sepp Kipfstuhl	Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany, e-mail: kipfstuhl@awi-bremerhaven.de	AAFICOST: Arctic and Antarctic Firn Core Studies
70	Dr. Martin Gude Osama Mustafa Dr. Hans-Ulrich Peter	Department of Geography, University of Jena e-mail: martin.gude@uni-jena.de Department of Geography, University of Jena Department of Ecology, University of Jena	Antarctic Active Layer Monitoring (AALM)
71	Angelika Brandt Brigitte Hilbig	Zoological Institute and Zoological Museum, Martin-Luther-KingPlatz 3, 20146 Hamburg, Germany; abrandt@zoologie.uni-hamburg.de ; Ruhr University of Bochum, Zoology, Universitätsstr. 150, 44780 Bochum, Germany, Brigitte.Hilbig@ruhr-uni-bochum.de	ANDEEP – SYSTCO (ANTarctic benthic DEEP-sea biodiversity: colonisation history and recent community patterns – SYSTem COupling)
72	Hartwig Gernandt Kazuyuki Shiraishi	Alfred Wegener Institute for Polar and Marine Research (AWI) Address: Postfach 12 01 61, D-27 568 Bremerhaven, Germany email: hgernandt@awi-bremerhaven.de National Institute of Polar Research (NIPR) 1-9-10 Kaga, Itabashi-ku, Tokyo 173-8515, Japan email: shiraishi@nipr.ac.jp	ANTSYO - ANTARCTIC FLIGHT MISSIONS AT SYOWA REGION (ANTSYO) AIR-BORNE ATMOSPHERIC AND GEOPHYSICAL RESEARCH IN EAST ANTARCTICA
73	Hans-Jürgen Hirche	Alfred-Wegener-Institut für Polar- and Meeresforschung Postfach 120161, D-27515 Bremerhaven, Germany, Phone +49-471-48311336, Fax +49-471-48311149, email: hhirche@awi-bremerhaven.de	Seasonal and long-term observations in the Arctic using existing and abandoned Arctic bases
74	Rainer Gersonde Rüdiger Stein Abelmann, A., Germany, Bauch, H., Germany, Crosta, X.,	rgersonde@awi-bremerhaven.de rstein@awi-bremerhaven.de Alfred Wegener Institute (AWI), Bremerhaven, Germany (phone 0049-(0)471-4831-1203/1576)	Bipolar Climate Machinery (BIPOMAC) - A study of the interplay of

	<p>France, Southern Ocean Diekmann, B., Germany, Gersonde, R., Germany, Gohl, K., Germany, Grobe, H., Germany, Harwood, D., USA, Huybrechts, P., Germany, Ishman, S., USA, Jouzel, J., France, Koc, N., Norway, Kuhn, G., Germany, Leventer, A, USA, Markgraf, V., USA, Melles, M., Germany, Niessen, F., Germany,</p>	<p>and more Nürnberg, D., Germany, Pudsey, C., UK, Raynaud, D., France Sandhäger, H., Germany, Sarnthein, M., Germany, Schäbitz, F., Germany Stein, R., Germany Stocker, T., Switzerland, Taylor, K., USA, Tiedemann, R., Germany, Timmermann, A., Germany, Zolitzschka, B., Germany,</p>	<p><i>northern and southern polar processes in driving and amplifying global climate variability as recorded in paleoclimate archives and their significance for the generation of realistic estimates of future climate and sea level development.</i></p>
75	<p>Prof. J. Wolfgang Wägele</p>	<p>University Bochum, Lehrstuhl Spezielle Zoologie, Ruhr-Universität Bochum, D-44780 Bochum, Germany, Tel. +49-234-3224563, Fax +49-234-32314114, e-mail: wolfgang.waegle@ruhr-uni-bochum.de</p>	<p>CASBE - Circum-Antarctic Survey of Benthic Communities</p>
76	<p>Thomas Leya Also Dr. Ron Hoham, Colgate University, Hamilton, N.Y., U.S.A. Dr. Hau U. Ling, Australian Antarctic Division, Kingston, TAS, Australia Dr. Cornelius Lütz, Botanical Institute, University Innsbruck, Innsbruck, Austria Dr. Phil Novis, Allan Herbarium, Manaaki Whenua Landcare Research, Lincoln, New Zealand Dr. Paolo Cavacini, Department of Plant Biology, University "La Sapienza", Roma, Italy Dr. Inga Bruteig, NINA-NIKU, Norwegian Institute for Nature Research, Trondheim, Norway</p>	<p>The Fraunhofer Institute for Biomedical Engineering (IBMT) Branch AMBT – Extremophile Research at Humboldt-University Berlin Invalidenstrasse 42, D – 10115 Berlin Phone: ++49-(0)30-2093.8350 Facsimile:++49-(0)30-2093.8635 Email:thomas.leya@ibmt.fraunhofer.de</p>	<p>Cryophilic freshwater algae: a bioresource for climate studies and cell metabolites</p>
77	<p>PD Dr. Dorte Janussen Also --Dr. Ole Secher Tendal, Zoological Museum, Copenhagen (Taxonomy and zoogeography , Demospongiae) --Dr. Konstantin R. Tabachnick, University of Moscow (Taxonomy and zoogeography, Hexactinellida) --Prof. Dr. Walter Vetter, Institut für Lebensmittelchemie (170), Universität Hohenheim, Stuttgart (biochemistry natural products) --Prof. Dr. Bernd Schierwater, ITZ. Ecology and Evolution, Tierärztliche Hochschule, Hannover and Molecular</p>	<p>Marine Evertbraten I Forschungsinstitut und Naturmuseum Senckenberg Senckenberganlage 25 D-60325 Frankfurt am Main Tel. (69)7542-306 Fax (069)746238 E-mail: Dorte.Janussen@senckenberg.de</p>	<p><i>Taxonomical, phylogenetic and biochemical investigations of Arctic and Antarctic deep-sea sponges (Porifera).</i></p>

	Cellular and Developmental Biology Dept., Yale University (molecular biology)		
78	Jens Meincke Detlef Quadfasel John Mortensen	Universität Hamburg, Zentrum für Meeres- und Klimaforschung, Institut für Meereskunde Bundesstr. 53, D - 20146 Hamburg Phone: +49 40 42838 5985; e-mail: meincke@ifm.uni-hamburg	A study of the fresh water fluxes in the East Greenland Current
79	Dr. Gritta Veit-Köhler Also Dr. Jana Barbro Winkler, GSF, München, Germany: Higher plants, mosses and lichens Dr. Silvina Menu-Marque, University of Buenos Aires, Argentine: Pelagic copepods and freshwater crustaceans Dr. Stefan Sommer, Geomar, Kiel, Germany: Nematodes Dr. Ricardo Sahade, Dr. Marcos Tatián, University of Córdoba, Argentina (Divers): Colonial and solitary Ascidiarians, sponges Dr. Nils Reimann, Kiel, Germany (Diver): Fishes and parasites	DZMB German Centre for Marine Biodiversity Research, Senckenberg Research Institute Südstrand 44 26382 Wilhelmshaven, Germany Phone 0049 (0)4421 – 9475 102 Fax 0049 (0)4421 – 9475 111 email gveit-koehler@senckenberg.de	GAP - Gene flow along the Antarctic Peninsula
80	Martin Meschede Lothar Viereck-Götte Georg Kleinschmidt Franz Tessensohn	Greifswald University meschede@uni-greifswald.de Jena Frankfurt Hannover	Geodynamics of the Remote Hinge Zone between East and West Antarctica
81	Heinz Miller	Alfred Wegener Institute for Polar and Marine Research, Bremerhaven, Germany e-mail: hmiller@awi-bremerhaven.de	IDEA - Ice Divide of East Antarctica. A multinational scientific surface traverse and an initiative for IPY 2007/8 and onwards
82	Julian Gutt Also from AWI - M. Klages, T. Brey, S. Schiel, H.O. Pörtner, W. Arntz	jgutt@awi-bremerhaven.de	Marine life in extreme polar regions under climate change (MALEP)
83	Rob Larter Karsten Gohl Steve Cande, Scripps Institute of Oceanography, USA Graeme Eagles, Alfred Wegener Institute, Germany Fabio Florindo, Istituto Nazionale di Geofisica e Vulcanologia, Italy Marta Ghidella, Instituto Antartico Argentino, Alan Haywood, British Antarctic	British Antarctic Survey, UK; e-mail: r.larter@bas.ac.uk Alfred Wegener Institute, Germany; e-mail: kgohl@awi-bremerhaven.de	<i>Polar Ocean Gateway Evolution (POGE) - an interdisciplinary, multinational campaign to determine the history of development of these gateways and their oceanographic, palaeoceanographic and anthropological</i>

	<p>Survey, UK Takemi Ishihara, Geological Survey of Japan Wilfried Jokat, AWI, Germany Jim Kennett, University of California, Santa Barbara, Larry Lawver, University of Texas at Austin, Institute for Geophysics, USA German Leitchenkov, VNIIOkeangeologia, Russia Emmanuelle Lodolo, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Italy Dietmar Müller, University of Sydney Institute of Marine Science, Australia Michele Rebesco, Istituto Nazionale di Oceanografia e di Geofisica Sperimentale, Italy Martin Siegert, University of Bristol, UK Bryan Storey, Gateway Antarctica, University of Canterbury, New Zealand Rupert Sutherland, Institute of Geological and Nuclear Sciences, New Zealand Franz Tessensohn, Bundesanstalt für Geowissenschaften und Rohstoffe, Germany Gabriele Uenzelmann-Neben, Alfred Wegener Institute, Germany</p>		<i>significance.</i>
84	Reinhard Dietrich	<p>TU Dresden, Institut for Planetary Geodesy, Helmholtzstr. 10, D-01062 Dresden, Germany e-mail: dietrich@ipg.geo.tu-dresden.de</p>	<p>PONAP – Polar Network of Autonomous Observation Platforms</p>
85	<p>Dr. Volker Strass Prof Ulrich Baathman</p>	<p>Alfred-Wegener-Institut für Polar- und Meeresforschung, Postfach 120161, D-27515 Bremerhaven, Tel: +49/471-4831-1822, Fax: +49/471-4831-1797, e-mail: vhstrass@awi-bremerhaven.de</p>	<p>Synoptic Circum-Antarctic Climate-processes and Ecosystem study (SCACE)</p>
86	Eberhard Fahrbach	<p>Alfred-Wegener-Institut für Polar und Meeresforschung Fachbereich Klimasystem Postfach 120161, D-27515 Bremerhaven, Germany e-mail: efahrbach@awi-bremerhaven.de</p>	<p>Southern Ocean Freshwater Interactions (SOFI) - Coupled models predict an intensification of the freshwater cycle in the context of global warming. Observations of the freshening of Subantarctic Mode and intermediate waters suggest that</p>

			the intensification is ongoing. Therefore the better understanding of the Southern Ocean freshwater balance is urgently needed.
87	Ursula Schauer, Christian Haas, Peter Lemke Gereon Budeus, Eberhard Fahrbach Hans-Jürgen Hirche Bert Rudels	Alfred-Wegener-Institut für Polar- and Meeresforschung Postfach 120161, D-27515 Bremerhaven, Phone +471-48311817, Fax +471-48311797 email: uschauer@awi-bremerhaven.de FIMR, Finland	SPACE - Synoptic Pan-Arctic Climate and Environment Study
88	Jan L. Lieser Christian Haas Barbara Niehoff	?	TDS@IPY - Transpolar Drift Station during International Polar Year 2007/08
89	Detlef Quadfasel Bert Rudels (Finnish Institute of Marine Research, Helsinki) Ingo Harms (CMAS) Jan Backhaus (CMAS) Burghard Brümmer (CMAS)	Contact: Detlef Quadfasel Universität Hamburg, Zentrum für Meeres- und Klimaforschung, Institut für Meereskunde Bundesstr. 53, D - 20146 Hamburg Phone: +49 40 42838 5756; e-mail: quadfasel@ifm.uni-hamburg.de	A study of the water mass transformation north of Svalbard
90	Christian Roscher-Nielsen Acting secretary Fridtjof Mehlum The Research Council of Norway, Postboks 2700 St. Hanshaugen 0131 Oslo Phone +46 22 03 70 00	christian@dnva.no Olav Eldholm, (chair) geofysikk UiB Bergen Nalan Koc paleoklima NP Tromsø Jan-Gunnar Winther glasiologi NP Tromsø Cecilie Mauritzen meteorology NMI Oslo Paul Wassmann marin økologi UiT Tromsø Lars Folkow økofysiologi UiT Tromsø Harald Loeng oceanografi HI Bergen Hanne Sagen fjernmåling NS/UiB Bergen Grete Hovelsrud-Broda antropologi NAMMCO Tromsø	Norwegian IPY Committee
91	Chad Dick quoting Jack Kohler of the NPI Polar Climate Group		A Polar Climate Grid Observation from top of atmosphere to bottom of ocean over grid
92	Clive Howard-Williams	c.howard-williams@niwa.co.nz	Are intending to participate as partners in the Australian-led

			CircAnt Census of Marine Life proposal aimed at 2007/08.
93	National Committee on Antarctic Research, Australian Academy of Science, Canberra, Australia Professor Michael Stoddart,	Chief Scientist, Australian Antarctic Division, Hobart, Australia (michael.stoddart@aad.gov.au ; fax: +61 3 6232 3583; tel: +61 3 6232 3205). Judy Richmond National Relations Assistant Australian Academy of Science judy.richmond@science.org.au	CIRCUM- ANTARCTIC CENSUS of MARINE LIFE (CircAntCML)
94	Dick Hedberg Dr Anders Karlqvist, Director of the Swedish Polar Research Secretariat, will act as the Swedish key contact for IPY. His address is Box 50003, SE- 104 05 Stockholm, Sweden; phone +46-8- 673 96 01; fax +46-8-15 20 57; e-mail anders@polar.se	Swedish Polar Research Committee dick.hedberg@polar.se	Support for IPY, notably logisitic.
95	Professor Per Holmlund,	Dept. of Physical Geography and Quaternary Geology, Stockholm University, SE-106 91 Stockholm, Sweden; e-mail pelle@natgeo.su.se	A Japanese Swedish Antarctic glaciological traverse between Syowa and Wasa stations in connection with the IPY
96	Professor Michael Tjernström,	Dept. of Meteorology, Stockholm University, SE-106 91 Stockholm, Sweden; e-mail michaelt@misu.su.se	<i>An Arctic-Ocean Atmospheric Mission By ODEN for the International Polar Year 2007/08 - The ultimate objective is to study important and poorly understood ice-ocean- atmosphere climate processes</i>
97	Professor Leif G Anderson	Dept. of Analytical and Marine Chemistry, Gothenburg University, SE-412 96 Gothenburg, Sweden; e- mail leifand@chem.gu.se	A study of the land- shelf-basin interactions along the Siberian Shelf Seas
98	Joseph M. Davila Richard Harrison, , Barbara Thompson	NASA-GSFC, Code 682, Greenbelt, MD 20771 USA, 301-286-8366, Joseph.M.Davila@nasa.gov Rutherford Appleton Laboratory, Didcot Oxfordshire, 44-12-35446884 R.A.Harrison@rl.ac.uk NASA-GSFC, Code 682, Greenbelt, MD 20771 USA, 301-286-3405,	INTERNATIONAL HELIOPHYSICAL YEAR (IHY) - To obtain a coordinated set of benchmark observations to study on Heliophysical

	Nat Gopalswamy,	thompson@eity3.nascom.nasa.gov NASA-GSFC, Code 695, Greenbelt, MD 20771 USA, 301-286-5885, gopals@fugee.gsfc.nasa.gov	scales, the solar-generated events which affect life and climate on Earth
99	Toshitaka TSUDA Ryoichi FUJII	Chairman of the national SCOSTEP committee (2003-), RASC, Kyoto University Uji, Kyoto 611-0011, Japan Phone: + 81-774-38-3804 Fax: + 81-774-31-8463 Email: tsuda@kurasc.kyoto-u.ac.jp Previous Chairman of the the national SCOSTEP committee (~2003) STEL, Nagoya University Chikusa-ku, Nagoya 464-8601, Japan Phone: + 81-52-789-4309 Fax: + 81-52-789-4311 Email : rfujii@stelab.nagoya-u.ac.jp	CAWSES (Climate And Weather of the Sun-Earth System) - aimed at understanding physical processes throughout the entire Sun-Earth system, that is, from the Sun down to the Earth's atmosphere, especially fostering a scientific approach to understanding the short term (Space Weather) and long term (Space Climate) variability of the integrated solar-terrestrial environment, and its societal applications.
100	Veit Andreas	andreas.veit@iaag.geo.uni-muenchen.de Department of Environmental an Earth Sciences, Geological Division Ludwig-Maximilians-University of Munich , Luisenstr. 37, D-80333 München, Germany	The University of South Georgia-Summer school of Earth Sciences, a unique international, multidisciplinary research program
101	Christian Roscher-Nielsen	Christian@dnva.no Norwegian IPY committee output	The role of the polar regions in global change – climate processes and effects – past, present and future Theme 1: Understanding the dynamic processes of the polar oceans, land and atmosphere, including the energy and biogeochemical fluxes between the spheres Theme 2: Exploring the evolution of the Arctic Ocean from a warm to a cold state Theme 3: Climate change and polar ecosystems
102	Cornelia Luedecke	PD Dr. Cornelia Lüdecke Valleystr. 40, D - 81371 München, Germany	Changing trends in polar research as reflected in the

		<p>Phone / Fax: * 49 (89) 725 6 725 email: C.Luedecke@lrz.uni-muenchen.de Prof. Dr. Aant Elzinga Department of History of Ideas and Theory of Science Goteborg University, Box 200 SE-405 30 Goteborg, Sweden Tel.+46 (31) 773 1931 Fax.+46 (31) 773 4548 Mail:vetae@hum.gu.se</p>	<p>history of the International Polar Years</p>
103	M. Klages	<p>Alfred Wegener Institute for Polar and Marine Research Columbusstr. 27568 Bremerhaven, Germany e-mail: mklages@awi-bremerhaven.de</p>	<p>HOT RIDGE Proposal for an Arctic IPY 2007 activity at the Gakkel Ridge - The study and sampling of potential hydrothermal vent fields along the Arctic Gakkel Ridge by using the French ROV "Victor 6000" onboard the German icebreaker "Polarstern"</p>
104	Dr. Kiyoshi Kurokawa President, Science Council of Japan	<p>h.umezawa@soumu.go.jp (his PA?) Polar Research Committee, Science Council of Japan Prof. Hideki Shimamura, Chair shima@eos.hokudai.ac.jp National Institute of Polar Research Prof. Okitsugu Watanabe, Director-General shochou@nipr.ac.jp</p>	<p>Formation of a Japanese IPY committee For now Prof Shimamura to be the IPY POC in Japan.</p>
105	Hajime Ito	<p>hajime@pmg.nipr.ac.jp</p>	<p>Japanese Proposal - Global Environment Dynamics through Bi-Polar Observation 1 Coordinated radar studies of the Arctic and Antarctic middle and upper atmosphere during IPY-4 period (CRSAAMU) 2 Airborne Atmospheric Observation in the East Antarctic (ANTSYO) 3 Scientific Traverse in Dronning Maud Land, Antarctica 4 A census of Antarctic Marine Life focusing on meso-pelagic zone</p>

110	Per Molgaard	pm@dfuni.dk Universitetsparken 2, Danish University of Pharmaceutical Sciences DK - 2100 Copenhagen	Bioactive Compounds from Arctic Plants
111	Peter W. Uitterdijk Appel	pa@geus.dk Geological Survey of Denmark and Greenland (GEUS) Øster Voldgade 10, DK 1350, Copenhagen	The puzzle of the Minturn circles - Such a study will contribute to the understanding of some of the processes, which formed the surface of the high arctic regions during the Ice Age.
112	Martin Appelt Dorte Veien Christiansen Anne-Birgitte Gotfredsen Karin G. Jensen	martin.appelt@natmus.dk Sila - The Greenland Research Centre at the National Museum of Denmark Frederiksholms Kanal 12, 1220 K Copenhagen Kvartærzoologi, Zoologisk Museum, Københavns Universitet, Universitetsparken 15, 2100 København Ø. Danmarks og Grønlands Geologiske Undersøgelse, Øster Voldgade 10, 1350 København K	Decoding Polar Processes: Nailing it to the Ground – Man, Culture and Environment in Greenland
113	Kim Aaris-Sørensen	kaaris@zmuc.ku.dk Zoologisk Museum, Universitetsparken 15, 2100 Copenhagen Ø	Long-term changes in the distribution of the muskox (<i>Ovibos moschatus</i>) in the Eastern Arctic
114	T. I. Hauge Andersson	ha@dpc.dk Danish Polar Center, Strandgade 100 H, 1401 Copenhagen K, Denmark	North Greenland as an area of special interest in the IPY
115	Thomas Bjørneboe G. Berg	tbb@dmu.dk Frederiksborgvej 399, DMU - Arktisk Miljø, 4000 Roskilde	Ecosystem processes across climatic gradients
116	Thomas Bjørneboe G. Berg	tbb@dmu.dk Frederiksborgvej 399, DMU - Arktisk Miljø, 4000 Roskilde	The determinants of multi-trophic interactions in a High Arctic landscape
117	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	Climate / Earth System Modelling
118	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	The Arctic Ocean and its relation to inter-decadal climate variations
119	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	Observations and data assimilation for sea-ice, Arctic ocean transport and water mass transformations

120	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	Stratospheric water vapour and Polar Stratospheric Clouds
121	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	Space Weather
122	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	High-energy radiation and the geomagnetic field
123	Eigil Kaas	ek@dmi.dk Danish Meteorological Institute Lyngbyvej 100, DK-2100 Copenhagen Ø, Denmark	The Arctic/North Atlantic Oscillation
124	Mikkel P. Tamstorf Birger U. Hansen Thomas Friberg	mpt@dmu.dk National Environmental Research Institute, Dept. for Arctic Environment Frederiksborgvej 399, P.O.Box 358, DK-4000 Roskilde, Denmark Institute of Geography, University of Copenhagen, buh@geogr.ku.dk Institute of Geography, University of Copenhagen, tf@geogr.ku.dk	Proposal for Polar Year activities related to carbon stocks and fluxes in the High-Arctic.
125	E.J. Murphy, E. Hofmann U. Bathmann S. Nicol	British Antarctic Survey, High Cross, Madingley Road, Cambridge, UK. Center for Coastal and Physical Oceanography, Old Dominion University, Norfolk, Virginia, USA. Alfred-Wegener-Institut, Bremerhaven, Germany. Australian Antarctic Division, Hobart, Tasmania, Australia.	<i>Integrated Analyses of Circumpolar Climate Interactions and Ecosystem Dynamics in the Southern Ocean (ICCED)</i>
126	Hugo Declair Chairman of the Belgian National IPY Committee.	THE ROYAL ACADEMIES FOR SCIENCE AND THE ARTS OF BELGIUM	Belgian National Committee for IPY established.
127	Hugues Goosse T Fichet	hgs@astr.ucl.ac.be Université Catholique de Louvain Institut Astronomie et Géophysique	UCL-ASTR potential input to the International Polar Year 2007-2008
128	Annick Wilmotte	awilmotte@ulg.ac.be Université de Liège Center for Protein Engineering	Polar microbial diversity: exploration, function and exploitation
129	Hugo Declair Frank Pattyn R. Lorrain and R. Souchez	hdeclair@vub.ac.be Vrije Universiteit Brussel Department of Geography Université Libre de Bruxelles Unité de Glaciologie Polaire	Dynamic interaction between the polar ice sheet and the subglacial environment (AMICS)
130	Ann Vanreusel	ann.vanreusel@UGent.be	Decoding processes

	Sandra Vanhove	University of Ghent Marine Biology Section	structuring biogeography and biodiversity of the Antarctic benthic fauna
131	Georges Feller	gfeller@ulg.ac.be University of Liège. Lab of Biochemistry	Genomics and proteomics of polar microorganisms: deciphering the cellular basis of life at low temperatures
132	Jean. L. Rasson	jr@oma.be Royal Meteorological Institute of Belgium	Correlation of Seismic, Ionospheric and Geomagnetic Activity in Arctic and Antarctic regions (COSIGNA)
133	Louis Beyens	louis.beyens@ua.ac.be University of Antwerp Polar Ecology, Limnology and Paleobiology	Global change and biodiversity of terrestrial arctic ecosystems
134	Wim Vyverman Koen Sabbe	koen.sabbe@Ugent.be University of Ghent Lab of Protistology and Aquatic Ecology	Paleolimnology in East and Maritime Antarctica – a multi-proxy approach
135	J.P. Henriët M T Batist	jeanpierre.henriet@ugent.be University of Ghent Renard Center of Marine Geology	Habitats on Antarctic shelves and margins - interaction of cryosphere, geosphere, hydrosphere and biosphere
136	C. De Clercq D. Bertrand Ph. Herquet	hep.ihe.ac.be Vrije Universiteit Brussel Fysica van de Elementaire Deeltjes Université Libre de Bruxelles Physique des Particules Élémentaires Université de Mons – Hainaut	AMANDA – Ice Cube (neutrino telescope at South Pole)
137	C. Lancelot	lancelot@ulb.ac.be Université Libre de Bruxelles Ecologie des Systèmes Aquatiques	Sea ice sampling for quantifying iron availability (ICPMS – multicollector) and Functional diversity of sea ice assemblage and viability)
138	International Polar Foundation (IPF)	Brussels	1. Activities around the “Polaris Climate Change Observatory 2. Promotion of the IPY 2007/08 3. Web-based activities and the educational program 4. Networking of Belgian and European Polar

			Research 5.Rebuilding of the Belgian Antarctic Station
139	Ola M. Johannessen	Nansen Environmental and Remote Sensing Center Edvard Griegs vei 3a, N-5059 Bergen, NORWAY Phone: +47 55 20 58 00, Fax: +47 55 20 58 01 ola.johannessen@nersc.no	CARE – Climate of the Arctic and its role for Europe. The overall objective of CARE is to explore, quantify and model Arctic climate change, its interaction with the climate in lower latitudes and its impact on the Arctic marine ecosystem, and to assess the socio-economic consequences for Europe.
140	Dr Steve Rintoul (for CLIVAR/CLiC Southern Ocean Panel)	CSIRO Marine Research and the Antarctic Climate and Ecosystems Cooperative Research Centre GPO Box 1538 Hobart, Tasmania 7000 Australia steve.rintoul@csiro.au 61-3-6232-5393	The role of the high latitude oceans in the global water cycle
141	Charles Barton Daniel Baker	charles.barton@anu.edu.au Daniel.Baker@lasp.colorado.edu	eGY An Electronic Geophysical Year initiative is proposed for 2007 to coincide with the 50-year anniversary of the highly successful International Geophysical Year (IGY). By exploiting the power of modern information management capabilities, the eGY will accomplish in 21 st -Century terms what the IGY achieved through the establishment of a world-wide network of geophysical observatories and World Data Centres – namely access by the world community to vastly better and more comprehensive information about

			the Earth and geospace.
142	<p>Carlo Alberto Ricci (Chair) President of the Italian National Scientific Committee for Antarctic Research (Italian Contact Point for ICSU Planning Group) University of Siena, riccica@unisi.it, presidente@csna.it Roberto Azzolini CNR, polarnet@dcas.cnr.it Carlo Barbante University of Venice, barbante@unive.it Nino Cucinotta PNRA Consortium, nino.cucinotta@enea.pnra.it Guido di Prisco CNR, g.diprisco@ibp.cnr.it Massimo Frezzotti ENEA, frezzotti@casaccia.enea.it Antonio Meloni INGV, meloni@ingv.it</p>		<i>Italian IPY National Committee</i>
143	M. Candidi	candidi@ifsi.rm.cnr.it	<i>Complete coverage of the Antarctic ionosphere by the new southern SuperDARN radar array</i>
144	M. Fily & M. Frezzotti	frezzotti@casaccia.enea.it	50th anniversary Scientific traverses in Antarctica - This is a multinational scientific surface traverse planned for the 50th anniversary of IGY from Talos Dome to Dome A, the programme includes atmospheric science, glaciology, astronomy, human biology and solid earth geoscience.
145	H. W. Detrich & G. di Prisco	g.diprisco@ibp.cnr.it	The ICEFISH Cruises: <u>I</u>nternational <u>C</u>ollaborative <u>E</u>xpeditions to <u>C</u>ollect and <u>S</u>tudy <u>F</u>ish <u>I</u>ndigenous to <u>S</u>ub-Antarctic <u>H</u>abitats
146	G. De Rossi, A. Cucinotta	Direzione@enea.pnra.it	Antarctic air network - The target of this proposal is to

			interconnect the existing networks in order to accomplish an Antarctic Domestic Network
147	Toni Meloni & Andrea Morelli	(morelli@bo.ingv.it)	Temporary Antarctic Network of Geophysical Observatories (TANGO)