

32nd Annual Arctic Workshop (2002)
SUMMARY AGENDA

Wednesday March 13th, 2002

Icebreaker and Registration 5:00 - 8:00 PM RL-1 RM. 269

Thursday March 14th, 2002

Registration 8:00 - 8:40 AM RL-1 RM. 269
 Welcome and Introduction 8:45 RL-3 RM. 620
 Iceland 9:00 RL-3 RM. 620
Morning Break 10:20 RL-3 RM. 620
 Iceland / Arctic Glaciology 10:40 RL-3 RM. 620

Lunch Break 12:00 - 1:30 PM open

 North Atlantic / Greenland 1:30 RL-3 RM. 620
Afternoon Break 3:30 RL-3 RM. 620
 Alaska 3:50 - 5:50 PM RL-3 RM. 620

Friday March 15th, 2002

Poster Session 8:30 - 12:00 RL-1 RM. 269

Box Lunch provided 12:00 - 1:00 PM RL-1 RM. 269

 Human Dimensions of the Arctic System (HARC) 1:00 RL-3 RM. 620
Afternoon Break #1 2:20 RL-3 RM. 620
 HARC Continued 2:40 RL-3 RM. 620
Afternoon Break #2 3:40 RL-3 RM. 620
 Svalbard/Norway / Arctic Permafrost 4:00 – 5:40 PM RL-3 RM. 620
Dinner Party 6:30 - 10:00 PM Koenig Alumni Center

Saturday March 16th, 2002

Arctic Canada 8:30 AM RL-1 RM. 269
Morning Break 10:30 RL-1 RM. 269
 Arctic Eurasia 10:50 RL-1 RM. 269

Lunch Break 12:30 -1:30 PM RL-1 RM. 269

 Arctic Ocean 1:30 - 2:50 PM RL-1 RM. 269

Wednesday March 13th & Thursday March 14th

WEDNESDAY MARCH 13TH, 2002

Icebreaker and Registration

5:00 - 8:00 PM

INSTAAR Conference Room, Bldg. RL-1, Rm. 269

Dinner (open)

THURSDAY MARCH 14TH, 2002

Registration

8:00 - 8:40 AM

INSTAAR Conference Room, Bldg. RL-1, Rm. 269

Welcome and Introduction – John T. Andrews

8:45 AM

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Iceland

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: John Andrews

- 9:00 **HOLOCENE RECORDS OF PALEOSECULAR VARIATION FROM THE ARCTIC: ELLESMERE ISLAND AND THE NORTH ICELAND SHELF**
STONER, JOSEPH S.; Patridge, Whitney; Francus, Pierre; Andrews, John T.; Bradley, Raymond S.; Andrews, John ; Koc, Nalan ; Retelle, Mike
- 9:20 **THE HOLOCENE DEVELOPMENT OF THE ICELANDIC BIOTA AND ITS PALAEOCLIMATIC SIGNIFICANCE**
CASELDINE, CHRIS J.; Langdon, Pete G.; Dinnin, Mark H.; Hendon, Dawn M.
- 9:40 **HOLOCENE HEKLA TEPHRAS: A STRATIGRAPHIC TOOL FOR ESTIMATING CHANGES IN RESERVOIR AGE OF SEAWATER. CORE MD99-2269, NW-ICELAND SHELF**
KRISTJANSDOTTIR, GRETA B.
- 10:00 **HOLOCENE RECORDS OF PALEOCEANOGRAPHIC AND CLIMATIC VARIABILITY FROM THE N. ICELAND CONTINENTAL SHELF.**
CASTANEDA, ISLA S.; Smith, Laryn M.; Kristjansdottir, Greta B.; Andrews, John T.; Anderson, David M.

< Morning Break 10:20 - 10:40 AM >

Thursday, March 14th

Iceland / Arctic Glaciology

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: Chris Caseldine

- 10:40 **CONTRASTING GLACIAL GEOLOGY OF THE STRANDIR AND ISAFJARDARDJUP COASTLINES, NW PENINSULA, ICELAND**
PRINCIPATO, SARAH M.; Geirsdottir, Aslaug; Andrews, John T.
- 11:00 **ICELANDIC CHIRONOMIDS: A HOLOCENE ENVIRONMENTAL RECONSTRUCTION FROM NW ICELAND**
LANGDON, PETE G.; Caseldine, Chris J.; Geirsdottir, Aslaug
- 11:20 **HIGH-RESOLUTION TEMPERATE GLACIER DEFORMATION -- IMPLICATIONS ABOUT THE FORM OF THE FLOW LAW OF ICE**
MARSHALL, HANS-PETER; Pfeffer, Tad; Harper, Joel; Humphrey, Neil
- 11:40 **COLUMBIA GLACIER 2002: PRESENT STATUS AND FORECAST LIFETIME**
PFEFFER, W TAD; Meier, Mark F.; Krimmel, Robert M.; Cohn, Josh

< Lunch Break 12:00 - 1:30 PM >

North Atlantic / Greenland

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: Anne Jennings

- 1:30 **MULTIPROXY DATA ACROSS THE LAST TERMINATION I FROM THE NORTH ATLANTIC: OCEAN CIRCULATION AND OCEAN-ICE SHEET INTERACTION**
DOKKEN, TROND M.
- 1:50 **THE ND, SR AND PB ISOTOPIC COMPOSITIONS OF ICE PROXIMAL SEDIMENTS: IMPLICATIONS FOR ICE SHEET DYNAMICS AND THE SOURCES OF QUATERNARY IRD IN THE NORTH ATLANTIC**
FARMER, G. LANG; Barber, Donald C.; Andrews, John T.
- 2:10 **THE LAST DEGLACIATION IN THE DENMARK STRAIT, NORTH ATLANTIC: INDICATIONS OF A LARGE MARINE RESERVOIR EFFECT**
HALD, MORTEN; Hagen, Sveinung ; Andrews, John T.; Jennings, Anne E.; Postnert, Gñran
- 2:30 **LAKE RESPONSE TO METEOROLOGICAL FORCING ALONG A CLIMATE GRADIENT IN THE LOW ARCTIC OF WEST GREENLAND.**
ANDERSON, JOHN; Brodersen, Klaus P.

Thursday, March 14th

North Atlantic / Greenland continued

- 2:50 **LONG DISTANCE POLLEN TRANSPORT OVER GREENLAND**
ROUSSEAU, DENIS-DIDIER; Jolly, Dominique; Duzer, Danielle; Cambon, Genevieve; Ferrier, Jackie; Gros, Robert
- 3:10 **RADIATION CLIMATOLOGY OF THE GREENLAND ICE SHEET DERIVED FROM IN-SITU MEASUREMENTS 1995-2002**
BOX, JASON E.

< Afternoon Break 3:30 - 3:50 PM >

Alaska

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: Bruce Finney

- 3:50 **UIVVAQ: CLIMATE, POLITICS, AND THULE ORIGINS IN NORTHWEST ALASKA**
HOFFECKER, JOHN F.; Elias, Scott A.; Reynolds, Georgeanne L.; Mason, Owen K.; Hanson, Diane K.; Leeper, Karlene
- 4:10 **HOLOCENE HISTORY OF THE GREAT KOBUK SAND DUNES, NORTHWESTERN ALASKA**
MANN, DANIEL H.; Heiser, Patricia A.; Finney, Bruce P.
- 4:30 **THE HIGH-LATITUDE CARBON CYCLE: IMPLICATIONS FOR PALEOENVIRONMENTAL STUDIES**
FINNEY, BRUCE P.; Brown, Tom
- 4:50 **GLACIAL HISTORY, SURFACE EXPOSURE AGES, AND PALEOELA'S OF THE YUKON TANANA UPLAND: PRELIMINARY RESULTS**
MANLEY, WILLIAM F.; Briner, Jason P.; Lubinski, David J.; Caffee, Marc W.
- 5:10 **MICROBLADE MORPHOLOGY AND TRACE ELEMENT ANALYSIS: AN EXAMINATION OF OBSIDIAN ARTIFACTS FROM ARCHAEOLOGICAL SITE 49-PET-408**
LEE, CRAIG M.
- 5:30 **QUATERNARY GEOLOGY AND PALEOECOLOGY OF SOUTHEASTERN ALASKA: PROGRESS AND OPPORTUNITIES FOR FUTURE RESEARCH**
AGER, THOMAS A.

< Dinner (open) >

Friday, March 15th

FRIDAY MARCH 15TH, 2002

MORNING POSTER SESSION

8:30 - 12:00 (Lunch will be provided)
INSTAAR, Bldg. RL-1, 2nd Floor
Chair: William Manley

Human Dimensions Posters

- 1 **THE DEVELOPMENT OF FISHING IN THE NORTHWEST OF ICELAND**
EDVARDSSON, RAGNAR
- 2 NO POSTER
- 3 NO POSTER
- 4 **AN INTEGRATED ASSESSMENT OF THE IMPACTS OF CLIMATE
VARIABILITY ON THE ALASKAN NORTH SLOPE COASTAL REGION:
PROJECT OVERVIEW**
LYNCH, AMANDA H.; Brunner, Ronald D.; Curry, Judith A.; Maslanik, James A.
- 5 **DIFFERENTIAL GPS INFRASTRUCTURE SUPPORT FOR REAL-TIME
AND POST-PROCESSED SURVEYS IN BARROW, ALASKA**
O'NEEL, SHAD; Johns, Bjorn

Ecosystems Posters

- 6 **QUANTIFYING THE LINK BETWEEN CLIMATE AND FIRE IN ALASKA**
DUFFY, PAUL A.; Rupp, Scott; Mann, Daniel H.; Graham, Jonathan M.
- 7 **BIOLOGICAL INVENTORIES AND VITAL SIGNS MONITORING IN NORTHWEST ALASKA'S NATIONAL PARKS**
HEINLEIN, THOMAS A.; Wesser, Sara; Anderson, Blain
- 8 **ABOVE AND BELOWGROUND PRODUCTION PATTERNS IN ALASKAN TUSsock TUNDRA: PLASTICITY IN RESPONSE TO CLIMATE CHANGE**
SULLIVAN, PATRICK F.; Welker, Jeffrey M.; Fahnestock, Jace T.
- 9 **IMPACTS OF CLIMATE CHANGE ON NITROGEN FIXING MICROBIAL COMMUNITIES IN THE CANADIAN HIGH ARCTIC**
DESLIPPE, JULIE R.; Egger, Keith N.
- 10 **ESTIMATING BIOPHYSICAL CHARACTERISTICS OF ARCTIC TUNDRA VEGETATION USING SOIL-ADJUSTED VEGETATION INDICES AND MULTI-RESOLUTION REMOTE SENSING DATA**
LAIDLER, GITA J.; Treitz, Paul M.
- 11 **POLLEN TRAP STATIONS: MODERN ANNUAL DEPOSITION AND AERIAL POLLEN TRANSPORT IN THE LENA RIVER DELTA**
Savelieva, Larissa A.; Dorozhkina, Marina V.; PAVLOVA, ELENA YU.
- 12 **THE FIRST EXPERIENCE OF SALINE DRAINAGE WATERS DISPOSAL FROM THE UDACHNAYA PIPE QUARRY INTO PERMAFROST**
ALEXEEV, SERGEY V.; Drozdov, Alexander V.; Drozdova, Tatyana I.; Alexeeva, Ludmila P.
- 13 **PALEOECOLOGY OF NORTHWESTERN BERINGIA: RECONSTRUCTION BASED ON MACROFOSSIL PLANT REMAINS FROM ZHOKHOV ISLAND, SIBERIA**
SMITH, LEDA

Paleoenvironments / Glacial Geology Posters

- 14 **HOLOCENE ENVIRONMENTAL RECORDS FROM THE NE BARENTS SEA: CLUES TO CLIMATE FORCING ON MULTI-CENTURY-TO-MILLENNIAL TIMESCALES IN THE EURASIAN HIGH ARCTIC**
LUBINSKI, DAVID J.
- 15 **ASSESSING HYDROLOGIC IMPACTS OF ICE SHEET EXTENT IN NORTHERN EURASIA**
LAMMERS, RICHARD B.; Forman, Steven L.; Vorosmarty, Charles J.
- 16 **ENVIRONMENTAL HISTORY OF THE NOVOSIBIRSKIE ISLANDS FOR THE LAST 12 KA**
ANISIMOV, MIKHAIL A.; Tumskey, Vladimir E.
- 17 **QUATERNARY DEPOSITS OF NEW SIBERIA ISLAND (RUSSIAN ARCTIC)**
BASILYAN, ALEXANDER; Nikolskiy, Pavel A.
- 18 NO POSTER
- 19 **GEOLOGY, GEOMORPHOLOGY, AND LATE PLEISTOCENE/HOLOCENE HISTORY OF RELIEF IN THE LENA DELTA, EAST SIBERIA.**
PAVLOVA, ELENA YU.; Dorozhkina, Marina V.
- 20 **LATE WISCONSIN GLACIAL LIMITS IN SOUTHERN SOUTHEASTERN ALASKA, AS INDICATED BY A NEW BATHYMETRIC MAP**
CARRARA, PAUL E.; Ager, Thomas A.; Baichtal, James F.; Van Sistine, Darren
- 21 **MULTI-PROXY EVIDENCE FOR RAPID AND PRONOUNCED LATE GLACIAL CLIMATE CHANGE IN THE AHKLUN MOUNTAINS, SOUTHWESTERN ALASKA**
BRINER, JASON P.; Hu, Feng Sheng; Kaufman, Darrell S.; Manley, William F.; Axford, Yarrow L.; Werner, Al; Caffee, Marc
- 22 **STATUS: PRELIMINARY DEGLACIATION MAPS FOR NORTH AMERICA**
DYKE, ARTHUR S.; Moore, Andrew; Robertson, Louis
- 23 **ENDOGENIC FEATURES IN THE SOUTH POLAR REGION OF MARS AND POSSIBLE TERRESTRIAL ANALOGUES**
KOUTNIK, MICHELLE R.; Murray, Bruce; Byrne, Shane

Cryosphere Posters

- 24 **ARCHEOLOGY OF ALASKA GLACIERS AND SNOW FIELDS**
DIXON, E. JAMES; Manley, William F.
- 25 **LESSONS FROM THE BENCH GLACIER, CHUGACH RANGE, ALASKA: SLIDING SPEEDS AND EROSIONAL OUTPUT REFLECT SEASONAL EVOLUTION OF THE SUBGLACIAL HYDROLOGIC SYSTEM**
ANDERSON, ROBERT S.; MacGregor, Kelly R.; Riihimaki, Catherine A.; Anderson, Suzanne P.; Waddington, Ed D.
- 26 **KENNICOTT GLACIER OUTBURST FLOODS: REAL TIME OBSERVATIONS AND SUBGLACIAL HYDROLOGIC MODELING**
ANDERSON, SUZANNE P.; Walder, Joseph S.; Anderson, Robert S.; Kraal, Erin R.; Fountain, Andrew G.; Cunico, Michele; Trabant, Dennis
- 27 **THE CONTRIBUTION OF ARCTIC GLACIERS TO THE WATER CYCLE**
CARTER, CARISSA L.; Dyurgerov, Mark B.
- 28 **OBSERVATION OF SEA ICE PROPERTIES AND ARCTIC CLIMATE VARIABILITY USING MICROWAVE REMOTE SENSING DATA: THE COLLABORATIVE INTERDISCIPLINARY CRYOSPHERIC EXPERIMENT (C-ICE)**
SCHARIEN, RANDALL K.; Yackel, John J.; Barber, David G.
- 29 **AN INVESTIGATION OF LOCAL ALPINE TERRESTRIAL TEMPERATURE LAPSE RATES IN THE CANADIAN ROCKIES**
ANSLOW, FARON S.; Shawn, Marshall J.
- 30 **HYPSONOMETRIC ANALYSIS OF GLACIER TERMINUS FLUCTUATIONS: PRELIMINARY RESULTS FROM BYLOT ISLAND, NUNAVUT, CANADA**
WALTER, FREDERIC SA.; Williams, Jeffrey LM.; Sjogren, Darren B.; Moorman, Brian J.
- 31 **FLOW DYNAMICS OF A POLYTHERMAL GLACIER, STAGNATION GLACIER, BYLOT ISLAND, NUNAVUT, CANADA**
WILLIAMS, JEFFREY LM.; Walter, Frederic SA.; Moorman, Brian J.
- 32 **RECENT STUDIES OF THE GLACIERS OF THE CAMPO DE HIELO SUR IN CHILEAN/ARGENTINE PATAGONIA**
Casassa, Gino; Rivera, Andres; Sepulveda, Francisco; SINCLAIR, ROLF; Acuna, Cesar
- 33 **DISCHARGE AND SUSPENDED SEDIMENT DYNAMICS OF HIGH-ARCTIC COLD AND POLYTHERMAL GLACIERS**
IRVINE-FYNN, TRISTRAM DL.; Willis, Ian C.; Mumford, Paul N.; Hodson, Andrew J.

Hydrology Posters

- 34 **LONG-TERM VARIABILITY OF THE PAN-ARCTIC HYDROLOGICAL BUDGET AND THE DECLINE IN HYDROLOGICAL MONITORING NETWORKS**
SHIKLOMANOV, ALEXANDER I.; Lammers, Richard B.; Vorosmarty, Charles J.; Peterson, Bruce J.; Holmes, Robert M.; McClelland, James W.
- 35 **RECONSTRUCTING THE LATE HOLOCENE (LAST 3000 YEARS) ICE-JAM FLOOD HISTORY OF THE MIDDLE YUKON RIVER - DAWSON CITY, YUKON TO CIRCLE, ALASKA**
LIVINGSTON, JOANNE M.; Froese, Duane G.; Smith, Derald G.
- 36 **USGS YUKON RIVER STUDIES**
DORNBLASER, MARK; Striegl, Rob; Hooper, Richard; Aiken, George; Eberl, Dennis; Krabbenhoft, David; Schuster, Paul

Paleolimnology Posters

- 37 **A COMPARISON OF 45 YEARS OF REGIONAL RIVER DISCHARGE RECORDS AND SUBANNUAL EVENTS IN VARVED SEDIMENTS FROM TWO LAKES IN WHITE PASS, BRITISH COLUMBIA/ALASKA**
COCKBURN, JACLYN; Lamoureux, Scott F.
- 38 **HOLOCENE MULTI-PROXY ANALYSES FROM PEATLANDS, BLUEFISH BASIN, YUKON TERRITORY.**
MERCIER, GENEVIØVE; Lacelle, Denis; Lauriol, Bernard; Duguay, Claude
- 39 **EVOLUTION AND ENDEMISM OF FRESHWATER DIATOMS IN EAST ANTARCTICA**
SPAULDING, SARAH A.; McKnight, Diane M.
- 40 **FRESHWATER DIATOM PALEOECOLOGY OF BANKS ISLAND, N.W.T., CANADIAN HIGH ARCTIC**
LIM, DARLENE SS.; Douglas, Marianne SV.; Smol, John P.
- 41 **LATE GLACIAL AND HOLOCENE CLIMATE AND ENVIRONMENTAL VARIABILITY ON SVALBARD**
HOLMGREN, SOFIA
- 42 **HOLOCENE CLIMATIC CHANGE AND TREE-LINE RESPONSE IN LEIRDALEN, WESTERN JOTUNHEIMEN, SOUTH CENTRAL NORWAY**
LANGDON, CATHERINE T.; Dumayne-Peaty, Lisa; Matthews, John A.

Friday, March 15th

Paleoceanography Posters

- 43 **SEDIMENTOLOGY AND MINERALOGY OF ARCTIC OCEAN
SEDIMENTS - WHAT CAN WE LEARN FOR PALEOCEANOGRAPHY?**
VOGT, CHRISTOPH; Knies, Jochen; Matthiessen, Jens; Möller, Claudia; Wahsner,
Monika; Stein, Ruediger; Fischer, Reinhard X.
- 44 **HOLOCENE SEA-SURFACE CONDITIONS IN THE NORTH ATLANTIC -
OPPOSITE W-E TRENDS (ICELAND BASIN VS. LABRADOR SEA).**
SOLIGNAC, SANDRINE; de Vernal, Anne; Hillaire-Marcel, Claude
- 45 **WAS THE YOUNGER DRYAS (GS-1) A COLD PERIOD ON THE
SOUTHEAST GREENLAND MARGIN?**
JENNINGS, ANNE E.; Hald, Morten; Weiner, Nancy J.; Kaufman, Kris; Dunhill,
Gita; Andrews, John T.
- 46 **A HIGH-RESOLUTION RECORD FROM SEDIMENT ANALYSES AND
SEISMIC DATA FROM THE NW SHELF OF ICELAND, DURING THE
TIME PERIOD 9.600 - 12.800 14C YEARS BP.**
†LAFSD, TTIR, SiD'S; Geirsd, ttir, äslaug ; Andrews, John T.
- 47 **NORTH ICELANDIC SHELF SEDIMENTS: HOLOCENE AND
LATEGLACIAL RECORD OF OCEANOGRAPHIC EVENTS**
Eiriksson, Jon; Knudsen, Karen Luise; RYTTER, FRANK
- 48 **RECENT FORAMINIFERA OFF NORTH AND WEST ICELAND**
RYTTER, FRANK; Jennings, Anne E.; Seidenkrantz, Marit-Solveig; Knudsen,
Karen Luise; Eiriksson, Jon
- 49 **THE ORGANO-GEOCHEMICAL RECORD FROM THE ANDFJORDEN,
NORTHERN NORWAY: PALEOPRODUCTIVITY DURING THE LATE
GLACIAL —EARLY HOLOCENE**
KNIES, JOCHEN; Hald, Morten; Ebbesen, Hanne
- 50 **3D SEISMIC EXPLORATION DATA OFFSHORE WESTERN NORWAY -
EVIDENCE OF PLEISTOCENE ICE STREAMS, SUBGLACIAL DRAINAGE
AND DEGLACIATION PATTERNS**
NYGAARD, ATLE; Sejrup, Hans Petter; Haflidason, Haflidi ; Cecchi, Marcello

< Box Lunch Provided >

12:00 - 1:00 PM

RL-1 Rm. 269

Friday, March 15th

Human Dimensions of the Arctic System (HARC)

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: Astrid Ogilvie

- 1:00 **THE HARC INITIATIVE: OPPORTUNITIES AND DIRECTIONS**
HUNTINGTON, HENRY P.
- 1:20 **SUSTAINABILITY OF ARCTIC COMMUNITIES: AN
INTERDISCIPLINARY COLLABORATION OF RESEARCHERS AND
LOCAL KNOWLEDGE HOLDERS**
KRUSE, JACK; White, Bob; Griffith, Brad; Chapin, Terry; Kofinas, Gary;
Berman, Matt; Epstein, Howard; Nicolson, Craig
- 1:40 **HUMAN AND ECOSYSTEM DYNAMICS IN THE ARCTIC: THE
IMANDRA WATERSHED PROJECT (KOLA, RUSSIA)**
VOINOV, ALEXEY A.; Kirk, Elizabeth; Moiseenko, Tatyana I.; Selin, Vladimir
V.; Makarova, Zoya V.; Sandimirov, Sergei
- 2:00 **ENVIRONMENT AND SOCIAL CHANGE IN WEST GREENLAND
FISHERIES**
HAMILTON, LAWRENCE C.; Brown, Benjamin C.; Rasmussen, Rasmus O.

< Afternoon Break #1 2:20 - 2:40 PM >

- 2:40 **ICELANDIC FISHING PEOPLE'S ADAPTIVE RESPONSES TO
CLIMATIC VARIABILITY: IMPLICATIONS FOR FISHERIES
POLICIES**
MCGOODWIN, JAMES R.
- 3:00 **COLD AND DRY, YES, BUT ABOVE ALL VOLATILE: THE
INHOSPITALITY OF PLEISTOCENE CLIMATES TO TRANSITIONS
TO AGRICULTURE**
VASEY, DANIEL E.
- 3:20 **LANDSCAPES CIRCUM-LANDNÛM: VIKING SETTLEMENT IN THE
NORTH ATLANTIC AND ITS HUMAN AND ECOLOGICAL
CONSEQUENCES: A MAJOR NEW RESEARCH PROGRAMME**
EDWARDS, KEVIN J.; McGovern, Thomas H.; Buckland, Paul C.; Dugmore,
Andrew J.; Simpson, Ian A.; Sveinbjarnardóttir, Guðrún

< Afternoon Break #2 3:40 - 4:00 PM >

Friday, March 15th

Svalbard / Norway / Arctic Permafrost

INSTAAR Auditorium, Bldg. RL-3, Rm. 620

Chair: Morten Hald

- 4:00 **THE LATE WEICHSELIAN ICE SHEET ALONG WESTERN SVALBARD: ICE FREE AREAS EXISTED**
LANDVIK, JON Y.; Brook, Edward J.; Gualtieri, Lyn; Raisbeck, Grant;
Salvigsen, Otto; Yiou, Fran...oise
- 4:20 **DEGLACIATION OF HIGH-LATITUDE COASTAL BASIN REFLECTED IN THE EVOLUTION OF A FAN-DELTA SYSTEM**
LOENNE, IDA; Nemeč, Wojtek
- 4:40 **GLACIAL AND NON-GLACIAL SEDIMENTARY PROCESSES IN BALSFJORD (NORTH NORWAY)**
FORWICK, MATTHIAS; Vorren, Tore O.
- 5:00 **A PERMAFROST WATER BALANCE MODEL FOR THE ARCTIC: MODEL RUNOFF AND DISCHARGE VALIDATION SITES**
RAWLINS, MICHAEL A.; Lammers, Richard B.; Shiklomanov, Alexander;
Vorosmarty, Charles J.
- 5:20 **RECENT PERMAFROST MELT IN PEATLANDS OF NORTHWESTERN CANADA**
ROBINSON, STEPHEN D.; Park, Joe

< Dinner will be provided >
6:30 -10:00 PM
Koenig Alumni Center
Main Campus
1202 University Ave.

Saturday, March 16th

SATURDAY MARCH 16TH, 2002

Arctic Canada

INSTAAR Conference Room, Bldg. RL-1, Rm. 269

Chair: TBA

- 8:30 **THE HUNT FOR THE LGM, NORTHEASTERN BAFFIN ISLAND: ON
THE TRAIL OF ELUSIVE COLD-BASED ICE**
BRINER, JASON P.; Miller, Gifford H.
- 8:50 **LGM DISPERSAL TRAINS OF THE WESTERN INNUITIAN ICE SHEET**
COULTHARD, ROY; England, John; Atkinson, Nigel
- 9:10 **LATE QUATERNARY PALEOENVIRONMENTAL CHANGE IN THE
MELVILLE HILLS, N.W.T.**
BEIERLE, BRANDON D.; Lamoureux, Scott F.; Dyke, Arthur S.
- 9:30 **A 750-YEAR VARVE RECORD FROM THE MARGIN OF THE DEVON
ISLAND ICE CAP, ARCTIC ARCHIPELAGO, CANADA**
LAMOUREUX, SCOTT F.; Gilbert, Robert; Lewis, Ted
- 9:50 **HIGH RESOLUTION JULY MEAN AIR TEMPERATURE DATA FOR
THE CANADIAN ARCTIC ARCHIPELAGO, 1957-2001**
ATKINSON, DAVID E.
- 10:10 **ADAPTIVE STRATEGY OF DENNING POLAR BEARS IN WESTERN
HUDSON BAY**
SCOTT, PETER A.

< Morning Break 10:30 - 10:50 AM >

Saturday, March 16th

Arctic Eurasia

INSTAAR Conference Room, Bldg. RL-1, Rm. 269

Chair: David Lubinski

- 10:50 **THE HUMAN ROLE IN EARLY HOLOCENE ARCTIC FOOD WEBS:
SOME THOUGHTS FROM NORTHERN SIBERIA**
ODESS, DANIEL; Pitulko, Vladimir V.; Anisimov, Mikhail A.; Basilyan,
Alexander E.; Giria, Evgeny Yu.; Nikolsky, Pavel A.; Pavlova, Elena Yu.;
Tumskoy, Vladimier E.
- 11:10 **YANA/RHS SITE: GEOLOGY, STRATIGRAPHY, DATING, AND
ARCHAEOLOGY.**
PITULKO, VLADIMIR V.; Anisimov, Mikhail A.; Basilyan, Alexander E.; Giria,
Evgeny Yu.; Nikolsky, Pavel A.; Odess, Daniel; Pavlova, Elena Yu.; Tumskoy,
Vladimir E.
- 11:30 **LATE PLEISTOCENE MAMMALS OF NEW SIBERIA ISLAND
(RUSSIAN ARCTIC)**
NIKOLSKIY, PAVEL A.
- 11:50 **GLACIATION OF THE TAYMYR PENINSULA, ARCTIC SIBERIA**
ALEXANDERSON, HELENA; Hjort, Christian; Möller, Per
- 12:10 **MODERN MONGOLIA AND THE ANCIENT ARCTIC: A RESEARCH
INITIATIVE**
YOUNG, STEVEN B.

< Lunch Break 12:30 - 1:30 PM >

Saturday, March 16th

Arctic Ocean

INSTAAR Conference Room, Bldg. RL-1, Rm. 269

Chair: Christoph Vogt

- 1:30 **SMALL-SCALE DYNAMICS OF SEA ICE IN THE BERING SEA: A REMOTE SENSING AND NUMERICAL MODEL INVESTIGATION**
BUMP, JOSEPH K.; Lovvorn, James R.
- 1:50 **BIOSEQUENCES, THE PALEO-BIOTIC RESPONSE TO CLIMATE CHANGE IN THE QUATERNARY DEPOSITS OF THE CANADIAN BEAUFORT SHELF.**
Davies, Ed; BLASCO, STEVE
- 2:10 **THE ORGANO-GEOCHEMICAL RECORD FROM THE ANDFJORDEN, NORTHERN NORWAY: PALEOPRODUCTIVITY DURING THE LATE GLACIAL —EARLY HOLOCENE**
KNIES, JOCHEN; Hald, Morten; Ebbesen, Hanne
- 2:30 **EVIDENCE FOR EARLY HOLOCENE ATLANTIC WATER ON THE NORTH AMERICAN ARCTIC SLOPE AND AN EARLIEST HOLOCENE MELTWATER EVENT**
ANDREWS, JOHN T.; Dunhill, Gita

< End of Meeting! >