

Conference Schedule

November 30 (Sunday)	Registration (11:00 -), Keynote Lectures (13:00 - 17:30) and Welcome Party (18:00 -)
December 1 (Monday)	Oral Sessions (10:00 - 18:00)
December 2 (Tuesday)	Oral and Poster Sessions (10:00 - 18:00)
December 3 (Wednesday)	Excursion (10:00 - 17:00)
December 4 (Thursday)	Oral and Poster Sessions (10:00 - 18:00)
December 5 (Friday)	Oral Sessions and Farewell Party (10:00 - 18:00)
December 6 (Saturday)	Post-conference excursion (9:00 -) and transportation to Sapporo (17:00) via New Chitose Airport (16:00)

Program

DAY 1: November 30 (Sunday), 2014

	11:00--17:00	Registration	
Opening Remarks			
1	13:00--13:40	Takeru Akazawa	Will we Modern Humans fade away or be replaced?
Keynote Lectures			
Chair: Yoshihiro Nishiaki			
2	13:40--14:30	Silvana Condemi	From Neandertals to Modern Humans: A view from the Italic Peninsula
3	14:30--15:20	Thomas Wynn & Frederick L. Coolidge	The expert performance model of Neandertal cognition
	15:20--15:35	Coffee break	
4	15:35--16:25	Marcel Otte	Neandertal: Abilities and realisations
	16:25--16:30	Break	
	16:30--17:00	Discussion	
	17:30	Shuttle bus to the Toyako Manseikaku Hotel Lakeside Palace	
	18:00--19:30	Welcome party	Toyako Manseikaku Hotel Lakeside Palace

DAY 2: December 1 (Monday), 2014

	9:30--17:00	Registration	
Neanderthals and Modern Humans: Behavioral Characterization			
Chair: Seiji Kadowaki			
5	10:00--10:25	Michael Chazan, Francesco Berna, Steven Walker, Ian Watts, Jayne Wilkins, & Liora Kolska Horwitz	The development of technology during the Earlier Stone Age: Research at Wonderwerk Cave and the Kathu Complex, Northern Cape Province, South Africa
6	10:25--10:50	Ran Barkai	A tale of three caves: the role of Mammoths and elephants in Neanderthal adaptation and life-ways
7	10:50--11:15	Avraham Ronen	Middle Palaeolithic flint mines in Mount Carmel: An alternative Interpretation
8	11:15--11:40	Sharon Gonen	A week in the life of the Mousterian hunter
9	11:40--12:05	Taro Yamauchi	Evolution of learning capacity and acquired behaviors of modern humans from the perspective of life history and brain development
	12:05--13:50	Lunch/ Tour to the Historical Museum of Date (optional)	
The First RNMH Processes in West Asia			
Chair: Katsuhiko Sano			
10	13:50--14:15	Minna Weinstein-Evron, Yossi Zaidner, Alexander Tsatskin, Reuven Yeshurun, & Israel Hershkovitz	The Early Middle Paleolithic of Misliya Cave, Mount Carmel, Israel
11	14:15--14:40	Yossi Zaidner, Laura Centi, Marion Prevost, Maayan Shemer, & Oz Varoner	Preliminary study of the lithic assemblages from Neshar Ramla: A case of continuity and change in the Levantine Middle Paleolithic
12	14:40--15:05	Andrew W. Kandel & Ron Shimelmitz	Technological trends of the Middle to Upper Paleolithic transition at Sefunim Cave, Israel
13	15:05--15:30	Nigel Goring-Morris & Anna Belfer-Cohen	The Ahmarian in the context of the earlier Upper Palaeolithic in the Near East
	15:30--15:50	Coffee break	
Chair: Yasuhisa Kondo			

14	15:50--16:15	Ofer Marder, Omry	The Upper Palaeolithic of Manot Cave, western Galilee, Israel
15	16:15--16:40	Andreas Tallor, B. Gasparian, V. Vardazaryan, & A. Kandel	Living on the edge: The earliest modern human settlement of the Armenian Highlands
16	16:40--17:05	Sonia Shidrang	The Middle to Upper Paleolithic transition in Zagros: The appearance and evolution of Baradostian in the light of new research
17	17:05--17:30	Fereidoun Biglari	Typo--technological analysis of the Late Middle Paleolithic bifacial industry of Qaleh Bozi Rockshelter, Central Iran
	18:00	Shuttle bus to the Toyako Manseikaku Hotel Lakeside Palace	

DAY 3: December 2 (Tuesday), 2014

	9:30--17:00	Registration	
Environmental Backgrounds for RNMH			
	Chair: Minoru Yoneda		
18	10:00--10:25	Wonsuh Song, Yasuhisa Kondo, & Takashi Oguchi	Presentation of the PaleoGeo database with Google Earth
19	10:25--10:50	Stephen Obrochta, Yusuke Yokoyama, & Hodaka Kawahata	Regional last glacial climate synthesis for the Eastern Mediterranean
20	10:50--11:15	Ryota O'ishi, Wing - Le Chan, & Ayako Abe-Ouchi	Vegetation change in Europe during the Late Pleistocene dispersal of Modern Humans
21	11:15--11:40	Yasuhisa Kondo	Cost surface analysis based on ecological niche probability to estimate relative rapidity of the dispersals of early modern humans
Timing of the RNMH in Europe			
	Chair: Olaf Joris		
22	11:40--12:05	Katerina Douka & Thomas Higham	Introduction to the "PalaeoChron" Project: Chronological mapping of the Middle and early Upper Palaeolithic of Eurasia
23	12:05--12:30	Thomas Higham	Radiocarbon dating the final Mousterian of Eurasia using advanced chemistry methods

	12:30--13:30	Lunch	
	13:30--14:00	Poster session	
24	14:00--14:25	Seiji Kadowaki	Diffusion or progressive integration Re-considering the widespread distributions of early UP/LSA bladelet technologies from west Asia to south Europe and from east Africa to south Asia
25	14:25--14:50	Katsuhiko Sano & Takayuki Omori	Replacement process of Neanderthals by modern humans in Europe
Global Processes of RNMH			
	Chair: Fereidoun Biglari		
26	14:50--15:15	Seiji Kadowaki	Diffusion or progressive integration Re-considering the widespread distributions of early UP/LSA bladelet technologies from west Asia to south Europe and from east Africa to south Asia
27	15:15--15:40	Paolo Biagi & Elisabetta Starnini	Neanderthals and Modern Humans in the Indus Valley (Sindh, Pakistan): The Middle and Late Palaeolithic of a forgotten region of the Indian Subcontinent
	15:40--16:00	Coffee break	
28	16:00--16:25	Yoshihiro Nishiaki, Otabek Aripjanov, Rustam Solimanov, Hiroto Nakata, Saiji Arai, Takehiro Miki, & Jannat Ismailova	New insight into the end of the Middle Palaeolithic in Central Asia
29	16:25--16:50	Ekaterina Lipnina, German Medvedev, Fedora Khenzykhenova, Kunio Yoshida, Dai Kunikida, Takao Sato, & Hirofumi Kato	The exploitation and adaptation in the Asian Arctic and Paleolithic in the Baikal Siberia
30	16:50--17:15	Saitou Naruya, Timothy A. Jinam, & Kanzawa - Kiriya Hideaki	Inferring possible contacts between Denisovan and some ancestors of modern East Eurasians
	18:00	Shuttle bus to the Toyako Manseikaku Hotel Lakeside Palace	

DAY 4: December 3 (Wednesday), 2014

Excursion (optional)

10:00	Toyako Manseikaku Hotel Lakeside Palace
10:10	Volcano Science Museum

12:00	Lunch at Shiraoi
13:00	Ainu Museum Poroto Kotan
17:00	Toyako Manseikaku Hotel Lakeside Palace

DAY 5: December 4 (Thursday), 2014

	9:30--17:00	Registration	
Learning Strategies and Cultural Evolution-Archaeological approach			
	Chair: Nigel Goring--Morris		
31	10:00--10:25	Olaf Joris	Lives to learn? The biology and culture of Neanderthal and Early Modern Human learning behaviours
32	10:25--10:50	Anna Belfer--Cohen & Erella Hovers	TTT: Tradition, (archaeological) taxonomy and (cultural) transmission
33	10:50--11:15	Gilbert Tostevin	Cultural transmission in the Pleistocene: studying Neanderthal---Modern human contact in Central Europe during OIS3
34	11:15--11:40	Foni Le Brun--Ricalens	Transculturation or acculturation, a clarification
35	11:40--12:05	Jun Takakura	Toward an understanding of learning strategy in the Upper Paleolithic: A case study in Hokkaido, Northern Japan
	12:05--13:00	Lunch	
	13:00--13:30	Poster session	
Learning Strategies and Cultural Evolution-Anthropological and Primatological Approaches			
	Chair: Hideaki Terashima		
36	13:30--13:55	Bonnie Hewlett	Innovation, processes of social learning and modes of cultural transmission amongst the Chabu adolescent forager--farmers of Ethiopia
37	13:55--14:20	Barry Hewlett	Cognition and cultural niche construction among Neanderthals and Modern Humans
38	14:20--14:45	Nobutaka Kamei	Learning and playing behaviors among hunter--gatherer children in the forest: The case of Baka in Cameroon
39	14:45--15:10	Takeshi Furuichi, C. Sanz, K. Koops, T.	Why do wild bonobos not use tools like chimpanzees do?

		Sakamaki, H. Ryu, N. Tokuyama, & D. Morgan	Examination of factors influencing the tool behaviors
40	15:10--15:35	Magnus Enquist, Stefano Ghirlanda, & Johan Lind	Some differences between humans and other animals
	15:35--15:55	Coffee break	
Learning Strategies and Cultural Evolution-Perspectives from Theoretical Modelling			
	Chair: Kenichi Aoki		
41	15:55--16:20	Laurel Fogarty, Kenichi Aoki, Joe Yuichiro Wakano, & Marcus Feldman	Population change and cultural variation
42	16:20--16:45	Shiro Horiuchi	Why did the arts precede prehistoric settlement in Modern Humans?
43	16:45--17:10	Kenichi Aoki	Population and culture: a theoretical basis for dramatic regime shifts?
44	17:10--17:35	Joe Yuichiro Wakano	Learning schedule and cultural evolution: COS and ESS
	18:00	Shuttle bus to the Toyako Manseikaku Hotel Lakeside Palace	

DAY 6: December 5 (Friday), 2014

	9:30--13:00	Registration	
Cognition and Learning			
	Chair: Hiroki C. Tanabe (C02)		
45	10:00--10:25	Hideaki Terashima	The Beginning of Symbolic Art and the Learning Cycle in Nature
46	10:25--10:50	Keiichi Omura	The ability of objectification as the basis for cultural learning and creativity: Teasing as the device for training children in Canadian Inuit society
47	10:50--11:15	Motoaki Sugiura, Sugiko Hanawa, Takayuki Nozawa, Rui Nouchi, Ryoichi Yokoyama, Yuka Kotozaki, Tsuyoshi Araki, & Ryuta Kawashima	Neural correlates of coping strategy for boredom: Its relationship with creativity
Looking into the Neanderthal Brain			
	Chair: Naomichi Ogihara (C01)		

48	11:15--11:40	Emiliano Bruner	The evolution of the parietal areas in Neanderthals and modern humans: From bones to mind
49	11:40--12:05	Yasushi Kobayashi, Toshiyasu Matsui, & Shigeru Kosuda	Estimating the extent of brain subdivisions using skulls
	12:05--13:10	Lunch	
50	13:10--13:35	Marcia S. Ponce de Leon & Christoph P. E. Zollikofer	Inferring fossil brains from endocasts: new methods and results
51	13:35--14:00	Daisuke Kubo, Hiroki C. Tanabe, Osamu Kondo, Hideki Amano, Akira Yogi, Sadayuki Murayama, Hajime Ishida, & Naomichi Ogihara	Estimating the cerebral and cerebellar volumes of Neanderthals and Middle and Upper Paleolithic Homo sapiens
52	14:00--14:25	Naomichi Ogihara, Hideki Amano, Yusuke Morita, Osamu Kondo, Daisuke Kubo, Hiromasa Suzuki, Takashi Michikawa, Masaki Moriguchi, Hajime Ishida, & Masato Nakatsukasa	Endocasts of Neanderthals and early modern humans: Virtual reconstruction and geometric morphometric analyses
53	14:25--14:50	Hiroki C. Tanabe, Takanori Kochiyama, Norihiro Sadato, & Naomichi Ogihara	Exploring the difference of brain anatomy and function between Neanderthals and Modern Humans: neuroanatomical and functional neuroimaging approach
	14:50--15:10	Coffee break	
Closing Remarks			
	Chair: Seiji Kadowaki		
54	15:10--15:35	Yoshihiro Nishiaki	The RNMH project: A summary
55	15:35--16:10	Ofer Bar-Yosef	Neanderthals and Modern Humans: The contributions of the RNHM project
	16:10--17:30	Farewell party	
	18:00	Shuttle bus to the Toyako Manseikaku Hotel Lakeside Palace	

DAY 7: December 6 (Saturday), 2014

Post-conference Excursion (optional)

9:00	Toyako Manseikaku Hotel Lakeside Palace
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11:30	Lunch at Nibutani	
12:30	Museums in Nibutani	Lecture by Jun Takakura: Prehistory of the Hokkaido Island
16:00	New Chitose Airport	
17:00	Sapporo JR Station	

POSTER PRESENTATIONS

Core time periods on December 2 and 4

Archaeology		
P1	Otabek Aripjanov	The Middle Palaeolithic of Uzbekistan
P2	Yoshihiro Nishiaki, Yousef Kanjou, & Takeru Akazawa	The Neanderthal occupations at Dederiyeh Cave, Syria
P3	Hiroto Nakata	Changes of the human behavior on the dispersal of modern humans in the Japanese archipelago
P4	Yasuo Higurashi	On the mechanics of the spear thrower Modern Hunter--Gatherer Studies
P5	Eiko Yamagami	Mediated action through art works among children: Similarities and differences between traditional and modern society
P6	Tadashi Koyama & Hiroyuki Akiyama	Cognitive development of Baka Pygmy children growing up in modern hunter--gatherer society
P7	Kaoru Imamura	Learning process on the skills of reading nature
P8	Izumi Hagino & Taro Yamauchi	Fertility and population dynamics of Baka hunter--gatherers in southeast Cameroon
Genetics & Models		
P9	Ryosuke Kimura, Wataru Nakahashi, & Kohei Tamura	The formation of cooperative society initiates the evolution of risk--taking innovative behaviors
P10	Kyoko Yamaguchi, Toshiyuki Hayakawa, Chiaki Watanabe, Takehiro Sato, Akira Kawaguchi, Ken Yamamoto, Hajime Ishida, & Ryosuke Kimura	Genome--wide association analysis of cephalic form in modern Japanese
P11	Wataru Nakahashi	The effect of trauma on cultural transmission of Neanderthals

P12	Yutaka Kobayashi, Seiji Kadowaki, & Masaki Naganuma	A population--genetics based model for explaining apparent cultural continuity from the Middle to Upper Palaeolithic in Eurasia
Paleoenvironments		
P13	Minoru Yoneda, Ayako Abe--Ouchi, Hodaga Kawahata, Yusuke Yokoyama, & Takashi Oguchi	Testing the hypothesis on cognitive evolution of modern humans' learning ability: Achievements of past--climatic approaches
P14	Wing--Le Chan	Stadial and interstadial climates in the Late Pleistocene, as simulated in experiments with the global climate model MIROC
P15	Jimenez--Espejo, Guadalupe Monge Go me2, Miguel Cortes Sanchez, Clive Finlayson, Joaquin Rodriguez--Vidal, & Antonio Garcia--Alix	Geochemistry of Neanderthal and modern human archeological sites: Evidences of paleoclimatic variations and Homo s. activities
Neanderthal braincase		
P16	Takashi Michikawa, Masaki Moriguchi, Hiromasa Suzuki, Naomichi Ogihara, Osamu Kondo, & Yasushi Kobayashi	Endocast surface reconstruction from CT images
P17	Osamu Kondo, Daisuke Kubo, Hiromasa Suzuki & Naomichi Ogihara	Reconstruction of Qafzeh 9 braincase and its endocast morphology
P18	Masaki Moriguchi, Hiromasa Suzuki, Takashi Michikawa, Naomichi Ogihara, & Osamu Kondo	Surface deformation of crania by optimizing rigidity
Neuroscience		
P19	Naoki Miura, Yukako Sasaki, Kunihiro Hasegawa, & Hiroki C. Tanabe	Neural underpinning of creative thinking: a meta--analysis for neuroimaging data
P20	Yukinobu Hoshino, Keita Mitani, Naoki Miura, Hiroki Tanabe, & Kenji Nagai	fMRI experiment about executive function by difference of learning methods: Using Tower of Hanoi
P21	Kei Mizuno	Brain structural and functional analyses for motivation to learn, fatigue and cognitive function
P22	Kunihiro Hasegawa, Takanori Kochiyama, Hiroki C. Tanabe, & Naomichi Ogihara	Reconstruction of the brain from skull fossil using computational anatomy