

Friday, 6 September 2002
Workshop I
Meteoric ^{10}Be in Environmental Systems
— Applications and Limitations to Chronological and Rate Studies —
【The University of Tokyo】

09:00-09:50 Registration

09:50-10:00 **Opening of workshop**

MORNING SESSION

10:00-10:40 **Applications of meteoric ^{10}Be to earth surface process** W1-1
M. J. PAVICH

10:40-11:20 **Beryllium concentrations in air, water, sediment, and soil** W1-2
T. ASAMI

11:20-12:00 **Dating Antarctic soils atmosphere-derived ^{10}Be and nitrate concentrations** W1-3
I. J. GRAHAM*, R. G. DITCHBUM and A. ZONDERVEN

12:00-14:00 Lunch break

AFTERNOON SESSION

14:00-14:20 **High resolution study of the deposition of cosmogenic ^{10}Be and ^7Be in Antarctic snow** W1-4
A. M. SMITH*, M. CURRAN, A. McMORROW, B. T. SMITH, V. I. MORGAN and J. B. PEDRO

14:20-14:40 **Meteoric ^{10}Be in volcanic materials and its acid-leaching behavior** W1-5
A. SHIMAOKA, M. SAKAMOTO*, H. HIYAGON, H. MATSUZAKI, I. KANEOKA and M. IMAMURA

14:40-15:00 **Towards an accurate chronology for rapid climate events in Eurasian loess by paleomagnetism, AMS measurement of ^{10}Be and OSL dating** W1-6
L. P. ZHOU*, H. L. GAO, K. X. LIU, J. F. ZHANG and Z. Y. GUO

15:00-15:30 Coffee break

15:30-15:50 **^{10}Be concentration of Red soils in Southwest Japan and its possibility of dating** W1-7
Y. MAEJIMA*, H. MATSUZAKI and C. NAKANO

15:50-16:10	Changes in soil properties in a chronosequence of subtropical soils in Ogasawara (Bonin) Island, Japan — Application of meteoric ^{10}Be dating to estimate soil age — H. UTAGAWA*, Y. MAEJIMA, M. HIROKI and S. NOHARA	W1-8
16:10-16:30	Accelerator Mass Spectrometry of particle bound ^{10}Be A. PRILLER*, M. BERGER, H. W. GÄGGELER, E. GERASOPOULOS, P. W. KUBIK, C. SCHNABEL, L. TOBLER, E. M. WILD, P. ZANIS and C. ZEREFOS	W1-9
16:30-16:50	Distribution and transport ^7Be and ^{10}Be in the atmosphere H. NAGAI	W1-10
17:30-20:00	Visiting MALT and welcome reception	

Access information on The University of Tokyo is available from the home page:
<http://www.malt.rcnst.u-tokyo.ac.jp>

Saturday, 7 September 2002
Workshop II
Application of Cosmogenic Nuclides to Geoarchaeology
【National Museum of Japanese History】

09:30-10:00 Registration

10:00-10:05 **Opening**
A.J.T. JULL

MORNING SESSION

(chairs: A.J.T. JULL and S. IVY-OCHS)

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| 10:05-10:30 | On the half-lives of long-lived radionuclides: how well do we know our clocks
W. KUTSCHERA*, I. AHMAD, C. VOCKENHUBER and G. WINKLER | W2-1 |
| 10:30-10:55 | Exposure dating of underwater rocks -Studies of landbridges during the ice ages
K. J. KIM*, M. IMAMURA and R. C. FINKEL | W2-2 |
| 10:55-11:20 | The potential for using <i>in-situ</i> cosmogenic ^{14}C and ^{10}Be for dating of artifacts and archaeological materials .
A. J. T. JULL*, J. PIGATI, N. A. LIFTON, L. R. McHARGUE, G. S. BURR, D. LAL and M. R. WATERS | W2-3 |
| 11:20-11:45 | The use of cosmogenic isotopes to date stone artifacts
S. IVY-OCHS*, R. WÜST, PETER W. KUBIK, J. SCHÄFER and C. SCHLÜCHTER | W2-4 |
| 11:45-12:10 | A study on the development of flint mining in prehistory by means of ^{10}Be
G. VERRI*, R. BARKAI, Y. BEN-DOV, E. BOARETTO, C. BORDENAU, A. GOPHER, M. HASS, M. PAUL and S. WEINER | W2-5 |
| 12:10-12:35 | Radiocarbon marine reservoir effect on human remains and prehistoric dietary habit
M. YONEDA*, Y. SHIBATA, M. MORITA, M. HIROTA, K. UZAWA, N. OSHIMA and Y. DODO | W2-6 |

12:35-14:35 Lunch break, Poster and Museum exhibition

AFTERNOON SESSION

(chairs: Z. GUO and M. IMAMURA)

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| 14:35-15:00 | Simulation study of the calibration of radiocarbon dates with serial samples
Z. GUO *, H. MA and K. LIU | W2-7 |
| 15:00-15:25 | Dating of the Iron Age in the Middle East
E. BOARETTO* | W2-8 |

15:25-15:50	Constructing Jomon chronology from multiple ^{14}C dates of archaeological pottery series: strategy and problems M. IMAMURA*, K. KOBAYASHI, M. SAKAMOTO and T. NISHIMOTO	W2-9
15:50-16:15	AMS ^{14}C age of the Upper Palaeolithic skeletons from Sungir site, Central Russian Plain Y. V. KUZMIN*, G. S. BURR, A. J. T. JULL and L. D. SULERZHITSKY	W2-10
16:15-16:40	AMS ^{14}C age of the earliest pottery from the Russian Far East: 1996-2002 results A. P. DEREVIANKO, Y. V. KUZMIN*, A. J. T. JULL, G. S. BURR and J. C. KIM	W2-11
Poster (All day)	^{14}C chronology of the Neolithic cultural complexes from Sakhalin Island, Russian Far East Y. V. KUZMIN*, S. V. GORBUNOV, A. A. VASILEVSKY and G. S. BURR	W2-P
16:40-16:45	Closing M. IMAMURA	

Access information on the National Museum of Japanese History is available from the home page:

http://www.rekihaku.ac.jp/e_about/index.html

http://www.rekihaku.ac.jp/e_about/map.html