

25th April Wednesday

Authors	Title
Radiocarbon dating	
9:40 Suter Martin	Recent developments in accelerator mass spectrometry of radiocarbon
10:00 Hajdas Irka	¹⁴ C time scale for paleo studies; An overview of recent developments and perspectives
10:20 Paterne Martine	Radiocarbon and recent ocean circulation in the north Atlantic Ocean
10:40 Fontugne Michel, Guichard F., Bentaleb I., Strehle C., Lericolais G.	Carbon isotopes and absolute and relative chronology of Black Sea sediments
11:00 Michczyńska Danuta J., Michczyński A., Pazdur A.	Frequency distribution of radiocarbon dates as a tool for reconstructing environmental changes
Luminescence dating	
11:50 Wintle Ann	Advances in quartz dating techniques using OSL signals
12:10 Antoine Zink	Uncertainties on the luminescence ages and anomalous fading
12:30 Ankjaergaard Christina, Murray Andrew S., Denby Phil M., Jain Mayank	Can we date using optically stimulated electrons?
12:50 Blair Michael, Kalchgruber Regina, McKeever Stephen, Benton Eric, Reust Dennis, Wilson Cathy	A potential extra-terrestrial application for osl dating: developing techniques for in-situ dating on Mars
13:10 Nielsen Asger, Murray Andrew	Investigation of dose rate distributions in aeolian sediments affected by pedogenesis: Examples from Denmark
Different methods	
14:30 Zacharias Nikos, Polydorou M., Theodorou G., Bassiakos Y., Tsiolakis E.	OSL Properties of Fossil Aragonite Shells
14:50 Madsen Anni Tindahl, Murray Andrew S., Andersen Thorbjørn Joest, Pejrup Morten	Optical dating of very young estuarine sediments in the Danish Wadden Sea
15:10 Geyh Mebus	Reliability check of ²³⁰ Th/U dates
15:30 Gaşiorowski Michał, Hercman Helena	Activity of ²¹⁰ Pb and dominating rocks of lake's catchment
15:50 Wencka Magdalena	Advanced EPR techniques for EPR dating – progress in methodology
Different methods	
16:40 Goslar Tomasz	Free shape age-depth modeling of profiles sampled for ¹⁴ C and other absolute dating methods
17:00 Walanus Adam	Drawing the optimal depth-age curve on the basis of calibrated radiocarbon dates
17:20 Kovacheva Mary	Archaeomagnetism as a new dating tool – practice and difficulties
17:40 Gurskaya Marina	850-year reconstruction of temperature anomalies for Northwest Siberia on the basis of archaeological wood of the Ust-Vojkar settlement.

26th April Thursday

Authors	Title
Stable isotopes	
10:00 Leuerberger Markus, Filot Marc S.	Is there an intramolecular carbon isotope signal in the cellulose? If yes – what can it tell us?
10:20 de Groot Pier	Kinetic isotope fractionation – Magic or logic?
10:40 Sensula Barbara, Derrick Peter, Pazdur Anna	Application of electrospray ionization mass spectrometry in analysis of wood components
11:00 Gaigalas Algirdas, Hałas Stanisław, Trembaczowski Andrzej	Isotope composition (H, C, S) of Baltic amber: a new standard proposal for stable carbon isotope analysis
Environment 1	
11:50 Pawełczyk Sławomira, Pazdur Anna, Boettger Tatjana, Haupt Marika, Krąpiec Marek, Szychowska-Krąpiec Elżbieta	Temperature reconstruction for the North Eastern part of Poland on the basis $\delta^{13}\text{C}$ in tree rings
12:10 Jungner Hogne, Hämäläinen Kai	Evaluating carbon emissions
12:30 Světlík Ivo, Molnár Mihály, Svingor Éva, Váňa Milan, Rinyu László, Turek Karel, Rulík Petr	Monitoring of atmospheric $^{14}\text{CO}_2$ and Suess effect influencing
12:50 Stankowski Wojciech Tomasz Jan	Luminescence dating of Morasko, Kaali and Ilumetsa meteorite craters
13:10 Lamentowicz Mariusz, Cedro Anna, Goslar Tomasz, Miotk-Szpiganowicz Grażyna, Mitchell Edward A.D., Pawlyta Jacek, Gałka Mariusz, Lamentowicz Łukasz	Reconstructing last millennium environmental changes from the Baltic raised bogs in Poland

27th April Friday

	Authors	Titles
Environment 2		
10:00	Molnár Mihály, Dezső Zoltán, Futó István, Svingor Éva, Rinyu László	Study of the current carbon-dynamics of Baradla-cave, Hungary
10:20	Alexanderson Helena, Murray Andrew	Smaaland, south Sweden - a bleak place for luminescence dating or an area that will change Scandinavian glacial history?
10:40	Derese Cilia, Vandenberghe Dimitri, Paulissen Etienne, Van den Haute Peter	Optical dating of the Late Glacial dune complex at Opgrimbie (NE-Belgium)
11:00	Molodkov Anatoly N., Bolikhovskaya Nataliya S.	Palaeoenvironmental changes dynamics at the Voka site (NE Estonia) during the last ice age: first results of an interdisciplinary study
Environment 3		
11:50	De Vleeschouwer Francis, Laëtita Gérard, Catherine Goormaghtigh, Nadine Mattielli, Gaël Le Roux, Nathalie Fagel	Two millennia of atmospheric lead and heavy metal pollution in Belgium: A record from an ombrotrophic peat bog
12:10	Johnsen Timothy	Dynamics and chronology of ice sheet deglaciation in the central Scandinavian mountain range - radiocarbon, optically stimulated luminescence and cosmogenic nuclide dating
12:30	Gaigalas Algirdas, Pazdur Anna, Pawlyta Jacek, Michczyński Adam	Correlation radiocarbon ages of Holocene oxbow lake – lacustrine sediments & archaeological layers in Lithuania by age-depth model
12:50	Chen Ya-Wen	Luminescence studies of floodplain sediments in a tectonically actively area in southwestern Taiwan
13:10	Molnár Mihály, Barczy Attila, Joó Katalin, Horváth Tünde, Dani János, Futó István, Nyilas Tünde	Lessons learnt from buried soil dating of a Hungarian kurgan
Archaeology 1		
14:30	Sanjurjo Sánchez Jorge, Fernández Mosquera Daniel, Montero Fenollós Juan Luis	TL/OSL dating of sediment and pottery from two Syrian archaeological sites
14:50	Richter Daniel, Tostevin Gil, Škrdla Petr	Comparison of luminescence dating techniques at the Middle to Upper Palaeolithic site of Brno-Bohunice (Czech Republic).
15:10	Passariello Isabella, Lubritto Carmine, Marzaioli Fabio	Radiocarbon dating contribution to the chronology of the Eneolithic in Campania (Italy)
Archaeology 2		
16:00	Gabelmann Olga, Michczyński Adam, Mucha Ewa, Pawlyta Jacek, Pazdur Anna	Absolute Radiocarbon Chronology in the Formative Ceramic Production Center of Santa Lucía, Cochabamba, Bolivia
16:20	Barta Peter	Absolute dating of Otomani-Fuzesabony culture in Slovakia
16:40	Babenko Anna	The absolute chronology of the zoogenic deposits from the Negev desert (Israel)

Posters

	Authors	Titles
		Environment
1	Bluszcz Andrzej, Poręba Grzegorz, Śnieszko Zbigniew	The basis of the study of the age of the Holocene diluvium on loess areas of Polish Highlands
2	Bluszcz Andrzej, Moska Piotr, Poręba Grzegorz	New compaction model for calculation effective annual dose for OSL dating for lake sediments
3	Buzinny Michael, Sakhno Victor, Romanchenko Maxim	Dating of modern environmental samples: ecology and chronometry
4	Cedro Anna, Kamiński Roman	Dendrochronological analysis of a wooden water mains fragment
5	Cedro Bernard	Dead ice melting rate in the River Rega valley near Łobez
6	Dias M. Isabel, Mosquera Daniel, Sanjurjo Jorge, Franco Dulce, Cardoso Guilherme, Prudencio M. Isabel	Luminescence dating laboratory intercalibration: first results from an Iberian exercise
7	Dobrowolski Radosław, Fedorowicz Stanisław	Glacial and Periglacial transformation of the Lublin-Volhynia palaeokarst in the light of TL dating results
8	Dobrowolski Radosław, Ziótek Marta, Melke Jerzy, Bogucki Andrij	Radiocarbon age and geochemistry of the infillings of small closed depressions from Western Polesie (Poland SE, Ukraine NW)
9	Fedorowicz Stanisław	TL and OSL dates as a basis for age correlation of loess with other Pleistocene deposits
10	Fernández Mosquera Daniel, Sanjurjo Sánchez Jorge	A simple and non destructive method for isolating quartz and feldspar and its application to TL/OSL dating
11	Gaigalas Algirdas, Fedorowicz Stanisław	Sedimentological interpretation termoluminescence (TL) ages of Pleistocene aquatic sediments to follow Lithuanian example
12	Greilich Steffen, Murray Andrew S.	Modeling of the gamma dose-rate to buried objects
12A	de Groot Pier, Robb L., Deloule E.	Pyrite $\delta^{34}\text{S}$ spot-analyses of selected reefs of the Witwatersrand Basin and implications for interpretation of the gold emplacement
13	Heer Aleksandra, Lowick Sally, Preusser Frank, Veit Heinz	The application of OSL and soil stratigraphy in order to understand the landscape and climate change of the late Pleistocene/early Holocene in the Alpine northwest foreland
14	Kiyak Nafiye Gunec	Optically Stimulation Luminescence (OSL) from fault deposits-comparison with stratigraphy
15	Kiyak Nafiye Gunec, Erturaç M. Korhan	Luminescence dating of feldspar contaminated quartz from fluvial terrace sediments using IR pre-treatment
16	Koślacz Ryszard, Michczyńska Danuta J., Michczyński Adam, Pazdur Anna, Sanetra Aleksander, Zastawny Andrzej	Radiocarbon Chronology of the Odra river valley
17	Kusiak Jarosław	TL dating of the Vistulian loess in the Sandomierz Upland (Poland)
18	Lai Zhongping, Brückner Helmut	Monitoring anomalous fading of feldspars using quartz OSL for Chinese loess
19	Laukhin S.A., Arslanov Kh.A., Maksimov F.E., Kuznetsov V.Yu.	The First Uranium-Thorium date and paleoclimates of Early Interstadial of the Zirianian (Early Wurm) glaciation in Western Siberia

- 20 Mazeika Jonas, Petrosius Rimantas, Pukiene Rutile Carbon-14 in tree rings in the vicinity of Ignalina Nuclear Power Plant, Lithuania
- 21 McIntosh Gregg, Osete Lopez Maria Luisa, Catanzariti Gianluca, Rakowski Andrzej Zbigniew, Nakamura Toshio A comparison of radiocarbon and archaeomagnetic dating
- 22 McIntosh Gregg, Rakowski Andrzej Zbigniew, Nakamura Toshio, Osete Lopez Maria Luisa, Revuelta Mendez Maria Environmental magnetic study of atmospheric particles in Nagoya, Japan
- 23 Michczyńska Danuta J, Michczyński Adam, Pazdur Anna Frequency distribution of radiocarbon dates as a tool for reconstructing environmental changes
- 24 Moska Piotr Influence of measurement conditions on De values obtained with the SAR technique
- 25 Moska Piotr, Poręba Grzegorz, Bluszcz Andrzej, Wiszniowska Agnieszka Combined IRSL/OSL dating on fine grains from Lake Baikal sediments
- 26 Olszak Ireneusz J., Florek Waclaw, Seul Cypryan, Majewski Marek Chronostratigraphy of Quaternary sediments of selected cliffs of Central and Western Polish coast
- 27 Olszak Ireneusz J., Jurys Leszek, Kaulbarsz Dorota, Masłowska Małgorzata, Michałowska Mirosława Thermoluminescence dating of quaternary sediments forming cliffs of Polish coast between Gdynia and Ustka
- 28 Olszak Ireneusz J., Ludwikowska-Kędzia Małgorzata Chronostratigraphy of deluvial sediments of the Bielińskie range at site Huta Stara Koszary (Holy Cross Mountains)
- 29 Pawełczyk Sławomira, Pazdur Anna, Boettger Tatjana, Haupt Marika, Krąpiec Marek, Szychowska-Krąpiec Elżbieta Carbon isotopic composition in tree-rings: a temperature record and a tool for biomonitoring CO₂ level
- 30 Pawłyta Jacek, Lamentowicz Mariusz, McGill Rona Nitrogen turnover time estimation for Stażki raised peat bog (Northern Poland)
- 31 Piotrowska N., Rutkowski J., Gasiorowski M., Król K., Kupryjanowicz M, Pawłyta J., Pazdur A., Szeroczynska K., Zawisza E., Witkowski A. Timing of environmental changes in Lake Wigry (NE Poland) and its surroundings
- 32 Piotrowska Natalia, Hajdas Irka, Bonani Georges Construction of the calendar time scale for Lake Wigry sediments on the basis of radiocarbon dating
- 33 Poręba Grzegorz, Moska Piotr, Bluszcz Andrzej The measurements of the natural radioactivity and annual dose determination for the sediments from lake Baikal
- 34 Przegiętka Krzysztof, Błaszkiwicz Mirosław, Chruścinska Alicja, Jankowski Michał, Kaiser Knut, Oczkowski Hubert L. Dating of buried palaeosols by help of the OSL method

- 35 Przegiętka Krzysztof, Chruścinska Alicja, Oczkowski Hubert L., Molewski Paweł Chronostratigraphy of the Vistulian (Weichselian) glaciation in Kujawy Moraine Plateau (Middle Poland) determined by the OSL dating
- 36 Rakowski Andrzej Zbigniew, Nakamura Toshio, Pazdur Anna Anthropogenic CO₂ in Northern and Southern Hemisphere
- 37 Sensuła Barbara, Pazdur Anna Suess effect in Central Europe on the basis of carbon isotopes investigations into tree rings
- 38 Sujka Grzegorz, Gašiorowski Michał, Hercman Helena Karst development at the Raciszyn area (Kraków - Wieluń Upland, S Poland) - preliminary results.
- 39 Szczepanek M., Pazdur A., Pawełczyk S., Boettger T., Haupt M., Hałas S., Bednarz Z., Krapiec M., Szychowska-Krapiec E. Hydrogen, carbon and oxygen isotopes in pine and oak tree rings from Southern Poland as climatic indications in years 1900-2003
- 40 Thamó-Bozsó Edit, Magyari Árpád, Kerescsmár Zsolt, Unger Zoltán, Nagy Attila OSL dating and heavy mineral analysis of Late Quaternary sediments in the valleys of Ér- and Berettyó rivers to study the effect of neotectonic movements to the river network of the Great Hungarian Plain
- 41 Tylmann Wojciech, Blanke Lasse, Ohlendorf Christian, Zolitschka Bernd Multiple-dating of varved sediments from Lake Łazduny, North-Eastern Poland: preliminary results
- 42 Vandenberghe Dimitri, Cilia Derese, Houbrechts Geoffrey Residual doses in recent alluvial sediments from the Ardennes (S-Belgium)
- 43 Vandenberghe Dimitri, De Corte Frans, Buylaert Jan-Pieter, Kučera Jan, Van den Haute Peter On the internal dose rate in quartz
- 44 De Vleeschouwer François, Fagel Nathalie, Cheburkin Andriy, Kurzel Helen, Pazdur Anna, Piotrowska Natalia Major and trace element geochemistry in a peat core from North Poland.
- 45 Reszka Marek, Komosa A., Chibowski S. Determination of Radiocarbon Activity in Environmental Samples in Lublin Laboratory

Archaeology

- 46 Benea Vasile, Vandenberghe D., Van den Haute P., Cosma C., Timar A., Gligor M. and Florescu C. Luminescence dating of Neolithic ceramics from Romania
- 47 Chruscinska Alicja, Jesionowski Bernard, Oczkowski Hubert L., Przegietka Krzysztof Using the TL single-aliquot regenerative-dose protocol for the verification of the chronology of the Teutonic Order Castle in Malbork.
- 48 Chruścinska Alicja, Jesionowski Bernard, Oczkowski Hubert L., Przegiętka Krzysztof, Sulkowska-Tuszyńska Krystyna, Wyrwa Andrzej M. Luminescence dating of medieval bricks and fireplaces: some remarks on the age calculation.
- 49 Michczyński Adam, Pazdur Anna, Sobczyk Maciej, Wołoszyn Janusz, Ziółkowski Mariusz S. The new attempt to construct radiocarbon chronology of Maucallacta, Peru

- 50 Michczyński Adam, Eeckhout
Peter, Pazdur Anna, Pawlyta
Jacek, Radiocarbon dating of the Temple of Monkey – the next step towards
comprehensive absolute chronology of Pachacamac, Peru.
- 51 Nawrocka Danuta, Pazdur Anna,
Czernik Justyna, Żurakowska
Marta, Cretaceous aggregate and reservoir effect in binding material dating