

RADIOCARBON LABORATORIES

This is *Radiocarbon's* annual list of active radiocarbon laboratories and personnel known to us. Conventional beta-counting facilities are listed in Part I, and accelerator mass spectrometry (AMS) facilities are listed in Part II. Laboratory code designations, used to identify published dates, are given to the left of the listing. (See p 1435 for a complete list of past and present lab codes.)

Please notify us of any changes in staff, addresses, or other contact information.

I. CONVENTIONAL ¹⁴C COUNTING FACILITIES

ARGENTINA

AC Héctor Osvaldo Panarello
Pabellón INGEIS
Ciudad Universitaria
1428 Buenos Aires, Argentina
Tel: +54 11 4783 3021/23; Fax: +54 11 4783 3024
Email: hector@ingeis.uba.ar
<http://www.ingeis.uba.ar/>

LP Aníbal Juan Figini
Laboratorio de Tritio y Radiocarbono-LATYR
Facultad de Ciencias Naturales y Museo-UNLP
Paseo del Bosque S/N°
1900 La Plata, Argentina
Tel/Fax: +54 221 4270648
Email: afigini@museo.fcnym.unlp.edu.ar

AUSTRIA

IAEA Manfred Gröning
International Atomic Energy Agency (IAEA)
Isotope Hydrology Laboratory
Wagramerstrasse 5
P.O. Box 100
A-1400 Vienna, Austria
Tel: +43 1 2600 21740/21766; Fax: +43 1 2600 7
Email: M.Groening@iaea.org
<http://www.iaea.org/programmes/rial/pci/isotopehydrology/>

Roland Tesch
ARC Seibersdorf research GmbH
Biogenetics - Natural Resources c/o Arsenal Research
Faradaygasse 3, Arsenal Objekt 214
A-1030 Wien, Austria
Tel: +43/(0)50550 - 6516; Fax: +43/(0)50550 - 6587
Email: roland.tesch@arcs.ac.at
<http://www.arcs.ac.at>

BELGIUM

IRPA M. Van Strydonck
Royal Institute for Cultural Heritage
Jubelpark 1
B-1000 Brussels, Belgium
Tel: +32 2 739 67 11 (institute), +32 2 739 67 02 (lab)
Fax: +32 2 732 01 05
Email: mark.vanstrydonck@kikirpa.be

BELARUS

IGSB N. D. Michailov
Institute of Geochemistry and Geophysics of the National
Academy of Sciences of Belarus
Kuprevich str. 7
Minsk 220141, Belarus
Tel: +375 (17) 263 81 13; Fax: +375 (17) 263 63 98
Email: mihailov@igig.org.by

BRAZIL

CENA Luiz Carlos Ruiz Pessenda
Radiocarbon Laboratory
Centro de Energia Nuclear na Agricultura
Universidade de São Paulo
Avenida Centenario 303
Caixa Postal 96 – CEP 13400-970
Piracicaba, São Paulo, Brazil
Tel: +55 193 429 4656; Fax: +55 193 429 4610
Email: pessenda@cena.usp.br
<http://www.cena.usp.br/labs/labc14.htm>

FZ M. F. Santiago
Departamento de Física - UFC
Campus do Pici - Cx. Postal 6030
60455-760 Fortaleza-CE, Brazil
Tel: +55 85 400 89913; Fax: +55 85 400 89450
Email: marlucia@fisica.ufc.br

CANADA

BGS Howard Melville
Department of Earth Sciences
Brock University
500 Glenridge Avenue
St. Catharines, Ontario L2S 3A1, Canada
Tel: +1 905 688 5550, ext. 3522; Fax: +1 905 682 9020
Email: hmelvill@brocku.ca
<http://www.brocku.ca/earthsciences/radiocarbon/>

UL Guillaume Labrecque
Laboratoire de datation au Carbone-14 (also prepare CO₂ tubes for AMS)
Centre d'études nordiques
Université Laval
Cité Universitaire
Québec, Québec G1K 7P4, Canada
Tel: +1 418 656 2131, ext. 4486; Fax: +1 418 656 3960
Email: guillaume.labrecque@cen.ulaval.ca
<http://www.cen.ulaval.ca/english/labradio.html>

CHINA

CG Yijian Chen and G. Peng
Radiocarbon Laboratory
Institute of Geology
State Seismological Bureau
P.O. Box 634
Beijing 100029, China

HL Yunzhang Yue
Second Institute of Oceanography
State Oceanic Administration
P.O. Box 1207
Hangzhou, Zhejiang 310012, China
Tel: +86 571 8076924, ext. 328; Fax: +86 571 8071539

- PKU Wu Xiaohong
Archaeometry & Archaeological Dating Laboratory
Peking University
Beijing 100871, China
Email: wuxh@pku.edu.cn
- XLLQ Zhou Weijian
Institute of Earth Environment
XiYing Lu 22-2
710054 Xi'an, Shaanxi, China
Tel: +86 29 5512264 (work), +86 29 5256429 (home); Fax: +86 29 5522566
Email: weijian@loess.llqg.ac.cn *and* weijian@public.xa.sn.cn
- Qiu Shua
Radiocarbon Laboratory
Institute of Archaeology, CASS
27 Wangfujing Dajie
Beijing 100710, China
Tel: +86 010 65135532; Fax: +86 010 65135532
- Li Xingguo
Institute of Vertebrate Paleontology and Paleoanthropology
Academica Sinica
P.O. Box 643
100044 Beijing, China
<http://www.ivpp.ac.cn/>
- Jinghang Wang
Beijing Nuclear Instrument Factory
42 Donghuan Beilu, Jianguomen Wei
100020 Beijing, China
Tel: +(010) 65 062266 *or* +(010) 65 015198; Fax: +(010) 65 953749
- Dai Kaimei
Department of Physics
Nanjing University
Nanjing 210024, China
Tel: +86 25 3596746; Fax: +86 25 307965
Email: postphys@nju.edu.cn
- Wang Jian
Department of Geography
Nanjing Normal University
Nanjing 210093, China
Tel: +86 25 3303666, ext. 3202; Fax: +86 25 3307448
Email: jwang@nynu.edu.cn
- Gao Zhonghe or Chen Xiaoming
Seismological Bureau of Jiangsu Province
3 Weigang
Nanjing 210014, China
Tel: +86 25 4432919, ext. 3028; Fax: +86 25 4432585
- Ruan Chengwen, Director
Seismological Bureau of Xinjiang Uygur Autonomous Region
42 South Beijing Road
Urumqi, Xinjiang 830011, China
Tel: +86 991 3838126; Fax: +86 991 3835623
Email: xjdzj@mail.wl.xj.cn
- Shen Chengde
Guangzhou Institute of Geochemistry
Chinese Academy of Sciences
Wushan, Guangzhou 510640, China
Tel: +86 20 85290062; Fax: +86 20 85290130
Email: cdshen@gig.ac.cn

1416 *Laboratories*

Huang Qi
Radiocarbon Laboratory, Institute of Salt Lakes
Academia Sinica
6 Xiying Road
710043 Xi'an, Shaanxi Province, China
Tel: +86 29 5520397

CROATIA

Z Drs. Bogomil Obelić and Nada Horvatinčić
Ruder Bošković Institute
P. O. Box 180, Bijenička 54
10001 Zagreb, Croatia
Tel: +385 1 4680 219; Fax: +385 1 4680 239
Email: Bogomil.Obelic@irb.hr and Nada.Horvatincic@irb.hr
<http://www.irb.hr/en/str/zef/z3labs/lna/>

CZECH REPUBLIC

CRL Ivo Svetlik and Dagmar Dreslerova
CRL Radiocarbon Laboratory
Na Truhlárce 39/64
CZ-180 86 Prague 8, Czech Republic
Tel: +420 266177233; Fax: +420 283842788
Email: svetlik@ujf.cas.cz and dreslerova@arup.cas.cz

CU Jiří Bruthans
Department of Hydrogeology
Charles University
Albertov 6
CZ-128 43 Prague 2, Czech Republic
Tel: +42(0) 221 951566 or +42(0) 221 951111; Fax: +42(0) 221 951556
Email: brutus@natur.cuni.cz

DENMARK

K Kaare Lund Rasmussen
¹⁴C Dating Laboratory
National Museum
Ny Vestergade 11
DK-1471 Copenhagen K, Denmark
Tel: +45 33 47 3176; Fax: +45 33 47 3310
Email: kaare.lund.rasmussen@natmus.dk

EGYPT

IFAO Mohammed Mahran
Institut français d'archéologie orientale (IFAO)
Laboratoire de datation par le radiocarbone
37, rue al-Cheikh Ali Youssef
P.O. Box 11562 Qasr al-ainy
11421 Cairo, Egypt
Tel: +202 79 71 615/600; Fax: +202 79 44 635
Email: c14@ifao.egnet.net
<http://www.ifao.egnet.net/c14>

ESTONIA

Ta Volli Kalm and Arvi Liiva
Radiocarbon Laboratory
Institute of Geology
University of Tartu
Vanemuise St. 46
51014 Tartu, Estonia
Tel/Fax: +372 7 375 836
Email: volli.kalm@ut.ee and geol@ut.ee

Tln Enn Kaup
Radiocarbon Laboratory
Institute of Geology at Tallinn University of Technology
Estonia pst 7
10143 Tallinn, Estonia
Tel: +372 645 4679; Fax: +372 631 2074
Email: kaup@gi.ee

Jaan-Mati Punning
Institute of Ecology
Kevade 2
10137 Tallinn, Estonia
Tel: +372 2 451 634; Fax: +372 2 453 748
Email: mati@eco.edu.ee

FINLAND

Hel Markku Oinonen
Dating Laboratory
P.O. Box 64
FIN-00014 Helsinki University, Finland
Tel: +358 9 191 50740; Fax: +358 9 191 50741
Email: markku.j.oinonen@helsinki.fi

FRANCE

Gif Michel Fontugne
Centre des Faibles Radioactivités
Laboratoire mixte CNRS-CEA
F-91198 Gif-sur-Yvette Cedex, France
Tel: +33 1 69 82 35 25; Fax: +33 1 69 82 35 68
Email: Michel.Fontugne@lsce.cnrs-gif.fr

and

Laboratoire Souterrain de Modane
Laboratoire mixte IN2I 3-CNRS/DSM-CEA
90, Rue Polset
F-73500 Modane, France
<http://www.cnrs.fr>

Ly Christine Oberlin
CDRC – Centre de Datation par le RadioCarbone
UMR 5138 CNRS
Université Claude Bernard Lyon I
40, Boulevard Niels Bohr
F-69622 Villeurbanne Cedex, France
Tel: +33 472 44 82 57; Fax: +33 472 43 13 17
Email: christine.oberlin@univ-lyon1.fr
<http://carbon14.univ-lyon1.fr>

GEORGIA

TB S. Pagava
Radiocarbon and Low-Level Counting Section
Nuclear Research Laboratory
I. Javakishvili Tbilisi State University
I. Chavchavadze Av., 3
Tbilisi 0128, Georgia
Tel: +995 32 222105, +995 32 252776; Fax: +995 32 252776
Email: spagava@access.sanet.ge

GERMANY

Bln Jochen Görtsdorf
Deutsches Archäologisches Institut
Zentrale, Referat Naturwissenschaften
Postfach 330014, D-14191 Berlin, Germany
Tel: +49 01888 7711 339; Fax: +49 01888 107711 339
Email: 14c@dainst.de

1418 *Laboratories*

- HAM Peter Becker-Heidmann
Institut für Bodenkunde
Universität Hamburg
Allende-Platz 2
D-20146 Hamburg, Germany
Tel: +49 40 42838 2003; Fax: +49 40 42838 2024
Email: P.Becker-Heidmann@ifb.uni-hamburg.de
<http://www.geowiss.uni-hamburg.de/i-boden/tt14c.htm>
- Hd Bernd Kromer
Heidelberger Akademie der Wissenschaften
c/o Institut für Umweltphysik
Universität Heidelberg
Im Neuenheimer Feld 229
D-69120 Heidelberg, Germany
Tel: +49 6221 5 46 357; Fax: +49 6221 5 46 405
Email: Bernd.Kromer@iup.uni-heidelberg.de
- Hv Mebus A. Geyh
Niedersächsisches Landesamt für Bodenforschung
Postfach 510153
D-30655 Hannover-Stillweg 2, Germany
Tel: +49 511 643 2537; Fax: +49 511 643 2304
Email: Mebus.Geyh@t-online.de
- KI Helmut Erlenkeuser and Pieter M. Grootes
Leibniz-Labor
Christian-Albrechts-Universität
Max-Eyth-Str. 11-13
D-24118 Kiel, Germany
Tel: +49 431 880 3894 (P.M.G.), +49 431 880 3896 (H.E.)
Fax: +49 431 880 7401
Email: pgrootes@leibniz.uni-kiel.de and herlenkeuser@leibniz.uni-kiel.de
<http://www.uni-kiel.de/leibniz/>
- KN Bernhard Weninger
Labor für ¹⁴C-Datierung
Institut für Ur-und Frühgeschichte
Universität zu Köln
Weyertal 125
D-50923 Köln, Germany
Tel: +49 221 470 2880 / 2881; Fax: +49 221 470 4892
Email: b.weninger@uni-koeln.de
<http://www.calpal.de>
- LZ Achim Hiller
UFZ-Umweltforschungszentrum Leipzig-Halle GmbH
Sektion Hydrogeologie
Arbeitsgruppe Paläoklimatologie
Theodor-Lieser-Strasse 4
D-06120 Halle, Germany
Tel: +49 345 5585 226; Fax: +49 345 5585 559
Email: a.hiller@hlug.de

GREECE

- DEM Yannis Maniatis
Laboratory of Archaeometry
Institute of Materials Science
National Centre for Scientific Research "Demokritos"
153 10 Aghia Paraskevi
Attiki, Greece
Tel: +30 1 6503389 or +30 1 6524821; Fax: +30 1 6519430
Email: maniatis@ims.demokritos.gr
<http://www.ims.demokritos.gr/archae>

LIH Nicolaos Zouridakis
 Laboratory of Isotope Hydrology
 Institute of Physical Chemistry
 National Centre for Scientific Research "Demokritos"
 153 10 Aghia Paraskevi Attikis
 POB 60228, Greece
 Tel: +30 1 6503969; Fax: +30 1 6511766
 Email: nizouri@chem.demokritos.gr

HUNGARY

Deb Zsusa Szántó
 Institute of Nuclear Research of the Hungarian Academy of Sciences
 H-4026 Bem tér 18/c
 P.O. Box 51
 H-4001 Debrecen, Hungary
 Tel: +36 52 417266; Fax: +36 52 416181
 Email: aszanto@namafia.atomki.hu

ICELAND

Páll Theodórsson
 Science Institute
 University of Iceland
 Dunhaga 3
 IS-107 Reykjavík, Iceland
 Tel: +354 525 4800; Fax: +354 552 8911
 Email: pth@raunvis.hi.is

INDIA

- BS Dr. Supriyo Chakraborty
 Radiocarbon Dating Laboratory
 Birbal Sahni Institute of Palaeobotany
 53 University Road
 Lucknow 226 007, India
 Tel: +91 522 274 0008; Fax: +91 522 274 0485
 Email: c14_bsip@yahoo.com and supriyoc@gmail.com
- JUBR S. D. Chatterjee, R. C. Sastri, and Haradhan De
 Biren Roy Research Laboratory for Archaeological Dating
 Department of Physics
 Jadavpur University
 Calcutta 700 032, India
 Tel: +91 33 473 4044; Fax: +91 33 473 4266
- PRL Dr. M. G. Yadava
 Radiocarbon Dating Laboratory
 Planetary and Geosciences Division
 Physical Research Laboratory
 Navrangpura
 Ahmedabad 380 009, India
 Tel: +91 79 26314367; Fax: +91 79 26301502
 Email: myadava@prl.res.in
- PRLCH R. Bhushan
 Physical Research Laboratory
 Chemistry Department
 Planetary and Geosciences Division
 Navrangpura
 Ahmedabad 380 009, India
 Tel: +91 79 2631415; Fax: +91 79 26301502
 Email: bhushan@prlernet.in

INDONESIA

Wisjachudin Faisal
Staff of Research and Development Center for Advance Technology
National Nuclear Energy Agency
Jl. Babarsari, P.O. Box 1008
Yogyakarta 55101, Indonesia
Tel: +62 274 515435; Fax: +62 274 561824
Email: p3tm@indo.net.id *and* wisya@batan.go.id

IRELAND

UCD Peter I. Mitchell and Edward McGee
UCD Radiocarbon Laboratory
Department of Experimental Physics
University College Dublin
Belfield, Dublin 4, Ireland
Tel: +353 1 716 2220; Fax: +353 1 283 7275
Email: Peter.Mitchell@ucd.ie *and* Edward.Mcgee@ucd.ie
<http://www.ucd.ie/radphys/page2.htm>

ISRAEL

RT Elisabetta Boaretto
Radiocarbon Dating and Cosmogenic Isotopes Laboratory
Weizmann Institute of Science
76100 Rehovot, Israel
Tel: +972 893 43213; Fax: +972 893 46062
Email: Elisabetta.Boaretto@wis.weizmann.ac.il

ITALY

ENEA Paolo Bartolomei and Giuseppe Magnani
ENEA C.R. "E. Clementel"
Via don Fiammelli, 2
I-41028 Bologna, Italy
Tel: +39 51 6098168; Fax: +39 51 6098187
Email: paolo.bartolomei@bologna.enea.it *and* giuseppe.magnani@bologna.enea.it
<http://diaf3.bologna.enea.it/>

R Salvatore Improta
Dipartimento di Fisica
Università "La Sapienza"
Piazzale Aldo Moro, 2
I-00185 Rome, Italy
Tel: +39 6 49914208; Fax: +39 6 4957697
Email: Salvatore.Improta@roma1.infn.it
and
Prof. Giorgio Belluomini
Istituto per le Tecnologie Applicate ai Beni Culturali
C.N.R. Area della Ricerca di Roma
Via Salaria Km 29,3 - C.P. 10
I-00016 Monterotondo St., Rome, Italy
Tel: +39 06 90672469/279
Email: giorgio.belluomini@milib.cnr.it

Rome Gilberto Calderoni
Department of Earth Sciences
University of Rome "La Sapienza"
Piazzale Aldo Moro, 5
I-00185 Rome, Italy
Tel: +39 6 499 14580; Fax: +39 6 499 14578
Email: gilberto.calderoni@uniroma1.it

JAPAN

- KEEA** Yoshimasa Takashima
Kyushu Environmental Evaluation Association
1-10-1, Matsukadai, Higashiku
Fukuoka 813-0004, Japan
Tel: +81 92 662 0410; Fax: +81 92 662 0990
Email: kawamura@keea.or.jp
- NU** Kunio Omoto
Radiocarbon Dating Laboratory
Department of Geography
College of Humanities and Science
Nihon University
25-40, 3 Chome, Sakurajosui
Setagaya-ku, Tokyo 156, Japan
Tel: +81 35317 9273; Fax: +81 35317 9429
Email: omoto@chs.nihon-u.ac.jp
- OR** Setsuko Shibata
Research Center of Radioisotopes
Frontier Science Innovation Center
University of Osaka Prefecture
1-2, Gakuen-cho, Sakai 599-8570, Japan
Tel: +81 722 36 2221; Fax: +81 722 54 9938
Email: shibata@riast.osakafu-u.ac.jp
- PAL** Shigemoto Tokunaga
Radiocarbon Laboratory
Palynosurvey Co.
Nissan Edobashi Bld.
1-10-5 Honcho, Nihonbashi
Chuoku, Tokyo, Japan
Tel: (office): +81 3 3241 4566; (lab) +81 274 42 8129
Fax: +81 3 3241 4597
Email: office@palyno.co.jp
<http://www.palyno.co.jp/>
- PLD** Hideki Yamagata
Paleo Labo Co., Ltd.
63, Shima 5-chome Oguma-cho
Hashima, Gifu 501-6264, Japan
Email: pal@usiwakamaru.or.jp
<http://www.paleolabo.jp/>
- TK** Dr. Kunio Yoshida
C-14 Dating Laboratory
The University Museum
The University of Tokyo
3-1 Hongo 7-chome
Bunkyo-ku, Tokyo 113-0033, Japan
Tel: +81 3 5841 2822; Fax: +81 3 5841 8450
Email: gara@um.u-tokyo.ac.jp

KOREA

- KCP** Hyung Tae Kang and Kyung Yim Nah
Archaeological Studies Division
National Cultural Property Research Institute
1-57 Sejongno Chongno-gu
Seoul, Korea 110 050
Tel: +82 2 735 5281, ext. 323; Fax: +82 2 735 6889
Email: vvyckht1@chollian.net

LATVIA

Riga V. S. Veksler and A. A. Kristin
Institute of Science - Application Research
Riga 50 Merkelya 11
Riga 226 050, Latvia
Tel: +371 7 212 501 or +371 7 213 636

LITHUANIA

Group of Dendroclimatology and Radiometrics
Environmental Research Centre
Faculty of Natural Sciences
Vytautas Magnus University
Z.E. Ziliberio 2, LT-3018
Kaunas, Lithuania
Tel: +370 37 390955
Email: atcentre@lycos.com and atc@gmf.vdu.lt

Rimantas Petrosius
Radioisotope Laboratory
Institute of Geology
Sevcenkos 13
Vilnius 2600, Lithuania
Tel: +370 2 236103; Fax: +370 2 236710
Email: petros@geologin.lt

MEXICO

IMTA Israel Mata
Instituto Mexicano de Tecnología del Agua (IMTA)
Laboratorio de carbono 14
Paseo Cuauhnáhuac 8532
Col. Progreso, Jiutepec, Morelos 62550, México
Tel: +52 777 329 3600 Ext: 176; Fax: +52 777 329 368

UNAM Laura Beramendi-Orosco and Galia González-Hernández
Laboratorio Universitario de Radiocarbono
Instituto de Geofísica, Instituto de Investigaciones Antropológicas
Universidad Nacional Autónoma de México
Ciudad Universitaria, México City 04510, México
Tel: +52 55 56 22 96 80
Email: laura@geofisica.unam.mx; galia@geofisica.unam.mx
<http://geologia.igeolcu.unam.mx/LUR/Index.html>

MONACO

IAEA- MEL Dr. Laval Liong Wee Kwong
International Atomic Energy Agency
Marine Environmental Laboratory
4 Quai Antoine 1^{er}
MC-98012 Monaco
Tel: +377 979 77272; Fax: +377 979 77273
Email: L.Liong@iaea.org

THE NETHERLANDS

GrN J. van der Plicht
Centre for Isotope Research
University of Groningen
Nijenborgh 4
NL-9747 AG Groningen, the Netherlands
Tel: +31 50 3634760; Fax: +31 50 3634738
Email: j.van.der.plicht@rug.nl

NEW ZEALAND

Wk A. G. Hogg and F. Petchey
 Radiocarbon Dating Laboratory
 University of Waikato
 Gate 9, Hillcrest Rd.
 Hamilton, New Zealand
 Tel: +64 7 838 4278; Fax: +64 7 838 4192
 Email: alan.hogg@waikato.ac.nz and f.petchey@waikato.ac.nz
 http://www.radiocarbon dating.com

NORWAY

T Steinar Gulliksen
 National Laboratory for ¹⁴C Dating
 Norwegian University of Science and Technology
 N-7491 Trondheim, Norway
 Tel: +47 73 593310; Fax: +47 73 593383
 Email: Steinar.Gulliksen@vm.ntnu.no

POLAND

Gd Anna Pazdur
 Radiocarbon Laboratory
 Silesian University of Technology
 Institute of Physics
 Krzywoustego 2
 PL-44-100 Gliwice, Poland
 Tel: +48 32 2372254; Fax: +48 32 2372488
 Email: Anna.Pazdur@polsl.pl

KR Tadeusz Kuc
 Kraków Radiocarbon Laboratory
 AGH University of Science and Technology
 Environmental Physics Department
 PL-30-059 Kraków, Poland
 Tel: +48 12 6172979 or 6333740; Fax: +48 12 6340010
 Email: kuc@novell.ftj.agh.edu.pl

LOD Paweł Trzeciak and Ireneusz Borowiec
 Radiochemical Laboratory
 Archaeological and Ethnographical Museum in Łódź
 Pl. Wolności 14
 PL-91-415 Łódź, Poland
 Tel: +48 42 6328440 or +48 42 6334307
 Fax: +48 42 6329714
 Email: jotmol@krysia.uni.lodz.pl

PORTUGAL

Sac A. M. Monge Soares
 Laboratório de Isótopos Ambientais
 Instituto Tecnológico e Nuclear
 Estrada Nacional 10
 2686-953 Sacavém, Portugal
 Tel: +351 21 994 61 80; Fax: +351 21 994 14 55
 Email: amsoares@itn.pt

REPUBLIC OF CHINA

NTU Tsung-Kwei Liu
 Department of Geosciences
 National Taiwan University
 245 Choushan Road
 Taipei, Taiwan, Republic of China
 Tel/Fax: +886 2 3657380
 Email: liutk@ccms.ntu.edu.tw

RUSSIA

- GIN Leopold D. Sulerzhitsky
Geological Institute
Russian Academy of Sciences
Pyzhevsky Pereulok 7
Moscow 119017, Russia
Tel: +7 495 230 8136
Email: suler@ginras.ru
- IEMAE Arkady B. Savinetsky
Severtsov Institute of Ecology and Evolution
Russian Academy of Sciences
Leninsky Prospekt 33
Moscow 119071, Russia
Fax: +7 495 954 5534
Email: histecol@orc.ru
- IGAN Olga A. Chichagova
Institute of Geography
Russian Academy of Sciences
Staromonetnyi Pereulok 29
Moscow 119017, Russia
Tel: +7 495 230 8366; Fax: +7 495 959 0033
Email: ochichag@mtu-net.ru
- LE Ganna I. Zaitseva
Institute of the History of Material Culture
Russian Academy of Sciences
Dvortsovaya Naberezhnaya 18
St. Petersburg 191186, Russia
Tel: +7 812 311 8156; Fax: +7 812 311 6271
Email: ganna@mail.wplus.net
- LU Khikmat A. Arslanov
Geographical Research Institute
St. Petersburg State University
Sredniy Prospekt 41
St. Petersburg 193004, Russia
Tel/Fax: +7 812 218 7904
Email: kozyrev@mail.nevalink.ru
- MAG Anatoly V. Lozhkin
Geology and Paleogeography of Cenozoic Laboratory
Northeast Interdisciplinary Scientific Research Institute
Russian Academy of Sciences, Far East Branch
16 Portovaya St.
Magadan 685000, Russia
Email: lozhkin@neisri.magadan.ru
- SOAN Lyobov Orlova
Institute of Geology and Mineralogy
Russian Academy of Sciences, Siberian Branch
Koptyug Prospekt 3
Novosibirsk 630090, Russia
Tel: +7 383 330 7839
Email: orlova@uiggm.nsc.ru

SENEGAL

- DK Maurice Ndeye
Institut Fondamental d'Afrique Noire (IFAN)
Université Cheikh Anta Diop
Dakar, Sénégal
Tel: +221 824 16 52
Email: mndeye@ucad.sn
<http://www.africainformation.net/ifan1.htm>

SLOVAKIA

Ba Pavel Povinec
Comenius University
Faculty of Mathematics and Physics
Mlynská dolina F1
SK-842 48 Bratislava 4, Slovakia
Email: povinec@gmail.com

SOUTH AFRICA

Pta Stephan Woodborne
Quaternary Research Dating Unit (QUADRU)
c/o Enviromentek, CSIR
P.O. Box 395
0001 Pretoria, South Africa
Tel: +27 12 841 3380; Fax: +27 12 349 1170
Email: swoodbor@CSIR.co.za

SPAIN

CSIC Antonio Rubinos
Geochronology Laboratory
Instituto de Química-Física Rocasolano - CSIC
Serrano, 119
28006 Madrid, Spain
Tel: +34 91 561 9400; Fax: +34 91 564 2431
Email: rubinos@iqfr.csic.es

UBAR Dr. Joan S. Mestres
Laboratori de Datació per Radiocarboni
Facultat de Química, 3a. Planta
Universitat de Barcelona
C/. Martí i Franquès, 1-11/Avda. Diagonal, 647
08028 Barcelona, Spain
Tel: +34 93 403 4688; Fax: +34 93 402 1233
Email: js.mestres@ub.edu

UGRA Elena Villafranca Sánchez
Laboratorio de Datación por C-14
Centro de Instrumentación Científica
Campus Fuentenueva, Ed. Mecenas
Universidad de Granada
18071 Granada, Spain
Tel: +34 58 244229; Fax: +34 58 243391
Email: evs@ugr.es

SWEDEN

LuS Göran Skog
Radiocarbon Dating Laboratory
Lund University
Sölvegatan 12
SE-223 62 Lund, Sweden
Tel: +46 46 222 7885; Fax: +46 46 222 4830
Email: Goran.Skog@c14lab.lu.se

U Ingrid U. Olsson
Department of Physics
Uppsala University
Box 530
SE-751 21 Uppsala, Sweden
Tel: +46 18 471 3551; Fax: +46 18 471 3524
Email: ingrid.olsson@fysik.uu.se

SWITZERLAND

B Thomas Stocker
 Climate and Environmental Physics
 Physics Institute, University of Bern
 Sidlerstrasse 5
 CH-3012 Bern, Switzerland
 Tel: +41 31 631 44 64; Fax: +41 31 631 87 42
 Email: stocker@climate.unibe.ch
<http://www.climate.unibe.ch>

TURKEY

METU Mustafa Özbakan
 Radiocarbon Dating Laboratory
 Middle East Technical University, Department of Physics
 06531 Ankara, Turkey
 Tel: +90 312 210 32 76; Fax: +90 312 210 12 81
 Email: ozbakan@metu.edu.tr

UKRAINE

IHME Michael Buzinny
 The Marzeev Institute of Hygiene and Medical Ecology
 Academy of Medical Sciences of Ukraine
 50 Popudrenko St.
 Kiev, 02094 Ukraine
 Tel/Fax: +38 0 44 513 7074
 Email: mbuz@ukr.net and buzinny@yahoo.com
<http://users.ldc.net/~mbuz/c14.htm>

Ki Nikolai N. Kovalyukh and Vadim V. Skripkin
 National Academy of Sciences and Ministry of Extraordinary Situation of Ukraine
 Institute of Environmental Geochemistry
 Kiev Radiocarbon Laboratory
 34a, Palladin Av.
 Kiev, 03680 Ukraine
 Tel: +38 0 44 424 0060; Fax: +38 0 44 424 1465
 Email: kyiv14c@radgeo.freenet.kiev.ua

UNITED KINGDOM

GU G. T. Cook
 SUERC Radiocarbon Dating Laboratory
 Scottish Universities Environment Research Centre
 Scottish Enterprise Technology Park
 Rankine Avenue
 East Kilbride, Glasgow G75 0QF, Scotland
 Tel: +44 13552 23332 or +44 13552 70136; Fax: +44 13552 29898
 Email: g.cook@surre.gla.ac.uk

Q Roy Switsur
 Cambridge Radiocarbon Dating Research Laboratory
 Environmental Sciences Research Centre
 East Road
 Cambridge CB1 1PT, England
 Tel: +44 1223 363271, ext. 2594
 Email: vrs1@cam.ac.uk

RCD R. L. Otlet and A. J. Walker
 RCD Radiocarbon Dating
 The Old Stables
 East Lockinge, Wantage
 Oxon OX12 8QY, England
 Tel/Fax: +44 1235 833667

- SRR Dr. Charlotte L. Bryant
NERC Radiocarbon Laboratory
Scottish Enterprise Technology Park
Rankine Avenue
East Kilbride, Glasgow G75 0QF, Scotland
Tel: +44 1355 260037; Fax: +44 1355 229829
Email: radiocarbon@nercrcl.gla.ac.uk
http://www.gla.ac.uk/nercrcl
- SWA Quentin Dresser
Department of Geography
University of Wales, Swansea
Singleton Park, Swansea
West Glamorgan SA2 8PP, Wales
Tel: +44 1792 295148; Fax: +44 1792 295955
Email: P.Q.Dresser@swansea.ac.uk
- E. M. Scott
Department of Statistics
University Gardens
University of Glasgow
Glasgow G12 8QW, Scotland
Tel: +44 141 330 5125; Fax: +44 141 330 4814
Email: marian@stats.gla.ac.uk

UNITED STATES

- A Chris Eastoe
Laboratory of Isotope Geochemistry
Geosciences Department
University of Arizona
Tucson, Arizona 85721, USA
Tel: +1 520 621 1638; Fax: +1 520 621 2672
Email: eastoe@geo.arizona.edu
- Beta Darden G. Hood
Beta Analytic, Inc.
4985 SW 74 Court
Miami, Florida 33155, USA
Tel: +1 305 667 5167; Fax: +1 305 663 0964
Email: dhood@radiocarbon.com
- GX Dana Krueger
Geochron Laboratories, A Division of Krueger Enterprises, Inc.
711 Concord Avenue
Cambridge, Massachusetts 02138, USA
Tel: +1 617 876 3691; Fax: +1 617 661 0148
Email: dkrueger@geochronlabs.com
- ISGS Drs. Hong Wang and Keith Hackley
Radiocarbon Dating Laboratory
Illinois State Geological Survey
615 E. Peabody Drive
Champaign, Illinois 61820, USA
Tel: +1 217 244 7692; Fax: +1 217 244 7004
Email: wang@isgs.uiuc.edu; hackley@isgs.uiuc.edu
- NIST George A. Klouda
NIST Low-Level Counting Laboratory
National Institute of Standards and Technology
100 Bureau Dr., Mailstop 8372
Gaithersburg, Maryland 20899-8371, USA
Tel: +1 301 975 3931; Fax: +1 301 417 1321
Email: George.Klouda@nist.gov
- QL Emeritus Minze Stuiver
Quaternary Isotope Laboratory
Quaternary Research Center, Box 351360
University of Washington
Seattle, Washington 98195-1360, USA
Email: minze@u.washington.edu

1428 *Laboratories*

- UCI Ellen Druffel and Sheila Griffin
Radiocarbon Laboratory
Department of Earth System Science
University of California, Irvine
Croul Hall 2212
Irvine, California 92697-3100, USA
Tel: +1 949 824 2116 (Druffel/office)
Fax: +1 949 824 3478
Email edruffel@uci.edu and sgriffin@uci.edu
- UGa Dr. John E. Noakes
Center for Applied Isotope Studies
The University of Georgia
120 Riverbend Road
Athens, Georgia 30602-4702, USA
Tel: +1 706 542 1395; Fax: +1 706 542 6106
Email: jenoakes@uga.edu
<http://www.uga.edu/~cais/>
- UTCAG Daniel Weinand
University of Tennessee
Center for Archaeometry and Geochronology
250 South Stadium Hall
Knoxville, Tennessee 37996-0720, USA
Tel: +1 865 974 8771; Fax: +1 865 974 2686
Email: utcag@utk.edu
<http://web.utk.edu/~anthrop/utcag/>

URUGUAY

- URU Cristina Ures and Roberto Bracco
Laboratorio de ¹⁴C
Facultad de Química
Universidad de la República
Gral. Flores 2124
Montevideo, Uruguay
Tel: +598 2 924 8571; Fax: +598 2 924 1906
Email: radquim@bilbo.edu.uy

II. ¹⁴C ACCELERATOR FACILITIES (AMS)

AUSTRALIA

- ANSTO David Fink
OZ ANTARES AMS Facility
Physics Division
Australian Nuclear Science and Technology Organisation (ANSTO)
New Illawarra Road
Lucas Heights, NSW 2234, Australia
Tel: +61 2 9717 3048; Fax: +61 2 9717 3257
Email: fink@ansto.gov.au
<http://www.ansto.gov.au/nugeo/ams/index.html>
- ANUA L. Keith Fifield
Department of Nuclear Physics, RSPHysSE
Australian National University
Canberra, ACT 0200, Australia
Tel: +61 2 6249 2095; Fax: +61 2 6249 0748
Email: keith.fifield@anu.edu.au

AUSTRIA

VERA Walter Kutschera
 VERA-Laboratorium
 Institut für Isotopenforschung und Kernphysik
 Universität Wien
 Währingerstrasse 17
 A-1090 Vienna, Austria
 Tel: +43 1 4277 51700; Fax: +43 1 4277 9517
 Email: Walter.Kutschera@univie.ac.at
<http://www.univie.ac.at/kernphysik/VERA/welcome.htm>

BELGIUM

KIK M. Van Strydonck
 Royal Institute for Cultural Heritage
 Jubelpark 1
 B-1000 Brussels, Belgium
 Tel: +32 2 739 67 11 (institute); +32 2 739 67 02 (lab)
 Fax: +32 2 732 01 05
 Email: mark.vanstrydonck@kikirpa.be
http://www.kikirpa.be/www2/Site_irpa/En/Lab/Mat.htm

CANADA

TO Roelf P. Beukens
 IsoTrace Laboratory
 University of Toronto
 60 St. George Street
 Toronto, Ontario M5S 1A7, Canada
 Tel: +1 416 978 4628; Fax: +1 416 978 4711
 Email: roelf.beukens@utoronto.ca
<http://www.physics.utoronto.ca/~isotracer/info.html>

CHINA

PKUAMS Kexin Liu and Baoxi Han
 Institute of Heavy Ion Physics
 School of Physics, Peking University
 Beijing 100871, China
 Tel: +86 10 62758528; Fax: +86 10 62751875
 Email: kxliu@pku.edu.cn

DENMARK

AAR Jan Heinemeier
 AMS ¹⁴C Dating Laboratory
 Dept. of Physics and Astronomy
 University of Aarhus
 DK-8000 Aarhus C, Denmark
 Tel: +45 8942 3718; Fax: +45 8612 0740
 Email: jh@phys.au.dk
<http://www.c14.dk>

FRANCE

Gif A GDR Tandetron
 Domaine du CNRS
 Avenue de la Terrasse, Bat. 30
 F-91198 Gif-sur-Yvette Cedex, France
 Tel: +33 1 69 82 39 15; Fax: +33 1 69 82 36 70

SacA Evelynne Cottereau
 LMC14
 bat 450 porte 4E CEA Saclay
 F-91191 Gif-sur-Yvette Cedex, France
 Tel: +33 0 1 69 08 14 54; Fax: +33 0 1 69 08 15 57
 Email: cottereau@smac14.cea.fr

1430 *Laboratories*

Jean-Claude Duplessy, Director
 Centre des Faibles Radioactivités
 Laboratoire mixte CNRS-CEA
 F-91198 Gif-sur-Yvette Cedex, France
 Tel: +33 1 69 82 35 26; Fax: +33 1 69 82 35 68
 Email: Jean-Claude.Duplessy@cfr.cnrs-gif.fr

AMS ¹⁴C
 Maurice Arnold
 Centre des Faibles Radioactivités (CEA-CNRS), Tandatron
 Avenue de la Terrasse BP 1
 F-91198 Gif-sur-Yvette Cedex, France
 Tel: +33 1 69 82 35 63; Fax: +33 1 69 82 36 70
 Email: Maurice.Arnold@cfr.cnrs-gif.fr

AMS ¹⁰Be, ¹²⁶Al, ¹²⁹I
 Françoise Yiou and Grant Raisbeck
 CSNSM Bat. 108
 F-91405 Campus Orsay Cedex, France
 Tel: +33 1 69 15 52 64; Fax: +33 1 69 15 52 68
 Email: yiou@csnsm.in2p3.fr and raisbeck@csnsm.in2p3.fr

GERMANY

Erl Dr. Wolfgang Kretschmer
 Physikalisches Institut
 Universität Erlangen-Nürnberg
 Erwin-Rommel-Str. 1
 D-91054 Erlangen, Germany
 Tel: +49 9131 8527075; Fax: +49 9131 15249
 Email: kretschmer@physik.uni-erlangen.de
<http://www.ams-erlangen.com>

J Dr. Axel Steinhof
¹⁴C AMS Laboratory
 Max-Planck-Institut für Biogeochemie
 P.O. Box 10 01 64
 D-07701 Jena, Germany
 Tel: +49 3641 57 6450; Fax: +49 3641 57 7450
 Email: steinhof@bgc-jena.mpg.de
<http://www.bgc-jena.mpg.de>

KIA Dr. Pieter M. Grootes and Dr. Marie-Josée Nadeau
 Leibniz-Labor
 Christian Albrechts Universität
 Max-Eyth-Str. 11
 D-24118 Kiel, Germany
 Tel: +49 431 880 3894 (P.M.G.), +49 431 880 7390 (M.-J.N.)
 Fax: +49 431 880 7401
 Email: pgrootes@leibniz.uni-kiel.de (P.M.G.)
<http://www.uni-kiel.de/leibniz/>

ITALY

DSA Dr. Filippo Terrasi and Dr. Carmine Lubritto
 Center for Isotopic Research on Cultural and Environmental Heritage (CIRCE)
 Seconda Università di Napoli
 Via Vivaldi 43
 Caserta 81100, Italy
 Email: filippo.terradi@unina2.it and carmine.lubritto@unina2.it

LTL Dr. Lucio Calcagnile
 CEDAD - AMS Radiocarbon Dating and IBA Facility
 University of Lecce, Department of Engineering and Innovation
 Via Per Monteroni
 Lecce 73100, Italy
 Tel: +39 0831 507372; Fax: +39 0831 507408
 Email: Lucio.calcagnile@unile.it
<http://www.cedad.unile.it>

JAPAN

- MTC** Hiroyuki Matsuzaki
 Research Center for Nuclear Science and Technology
 The University of Tokyo
 21116 Yayoi, Bunkyo-ku
 Tokyo 113-0032, Japan
 Tel: + 81 3 5841 2961; Fax: +81 3 5841 2947
 Email: hmatsu@malt.rcnst.u-tokyo.ac.jp
<http://www.malt.rcnst.u-tokyo.ac.jp>
- NUTA** Toshio Nakamura
 Tandetron AMS Laboratory
 Center for Chronological Research
 Nagoya University
 Chikusa, Nagoya 464-8602, Japan
 Tel: +81 52 789 3082; Fax: +81 52 789 3092
 Email: nakamura@nendai.nagoya-u.ac.jp
- TERRA** Dr. Yasuyuki Shibata
 Tandem Accelerator for Environmental Research and Radiocarbon Analysis
 National Institute for Environmental Studies (NIES-TERRA)
 Environmental Chemistry Division, National Institute for Environmental Studies
 Onogawa 16-2, Tsukuba
 Ibaraki 305-8506, Japan
 Tel/Fax: +81 295 50 2565
 Email: yshibata@nies.go.jp
- TKa** Dr. Kunio Yoshida
 C-14 Dating Laboratory
 The University Museum
 The University of Tokyo
 3-1 Hongo 7-chome, Bunkyo-ku
 Tokyo 113-0033, Japan
 Tel: +81 3 5841 2822; Fax: +81 3 5841 8450
 Email: gara@um.u-tokyo.ac.jp
- Takafumi Aramaki
 Marine Research Laboratory
 Japan Atomic Energy Research Institute (JAERI-MRL)
 4-24 Minato-machi, Mutsu
 Aomori, 035-0064, Japan
 Tel: +81 175 28 2614; Fax: +81 175 22 4213
 Email: mrl@popsvr.tokai.jaeri.go.jp
<http://www.jaeri.go.jp/english/index.cgi>

KOREA

- SNU** Jong-Chan Kim
 The Inter-University Center for National Science Research Facility
 Seoul National University
 Seoul 151-742, Korea
 Tel: +82 2 880 6593; Fax: +82 2 884 3092
 Email: jckim@phy.snu.ac.kr
<http://phy.snu.ac.kr/english/>

THE NETHERLANDS

- GrA** J. van der Plicht
 Centre for Isotope Research
 University of Groningen
 Nijenborgh 4
 NL-9747 AG Groningen, the Netherlands
 Tel: +31 50 3634760; Fax: +31 50 3634738
 Email: j.van.der.plicht@rug.nl

1432 *Laboratories*

UtC K. van der Borg
R. J. van de Graaff Laboratorium
Universiteit Utrecht
Princetonplein 5
P.O. Box 80000
NL-3504 CC Utrecht, the Netherlands
Tel: +31 30 53 2238 or +31 30 53 1492; Fax: +31 30 2532532
Email: k.vanderborg@phys.uu.nl

NEW ZEALAND

NZA Christine Prior
Rafter Radiocarbon Laboratory
Institute of Geological and Nuclear Sciences, Ltd.
P.O. Box 31-312
Lower Hutt, New Zealand
Tel: +64 4 570 4644; Fax: +64 4 570 4657
Email: C.Prior@gns.cri.nz
<http://www.RafterRadiocarbon.co.nz>

POLAND

Poz Dr. Tomasz Goslar
Poznań Radiocarbon Laboratory
Foundation of the Adam Mickiewicz University
ul. Rubież 46
61-612 Poznań, Poland
Tel: + 061 8279782
Email: c14@radiocarbon.pl
<http://www.radiocarbon.pl>

SWEDEN

LuA Göran Skog
Radiocarbon Dating Laboratory
University of Lund
Tornavägen 13
SE-223 63 Lund, Sweden
Tel: +46 46 222 7885; Fax: +46 46 222 4830
Email: Goran.Skog@C14lab.lu.se

Ua Göran Possnert
Tandem Laboratory
University of Uppsala, Box 529
SE-751 20 Uppsala, Sweden
Tel: +46 18 4713059; Fax: +46 18 555736
Email: Goran.Possnert@Angstrom.uu.se

SWITZERLAND

ETH Georges Bonani
ETH/AMS Facility
Institut für Teilchenphysik
Eidgenössische Technische Hochschule Hönggerberg
CH-8093 Zürich, Switzerland
Tel: +41 1 633 2041; Fax: +41 1 633 1067
Email: bonani@phys.ethz.ch

UNITED KINGDOM

OxA C. Bronk Ramsey and T. F. G. Higham
Oxford Radiocarbon Accelerator Unit
Research Laboratory for Archaeology and the History of Art
Oxford University
Dyson Perrins Building, South Parks Road
Oxford OX1 3QY, United Kingdom
Tel: +44 1865 285229; Fax: +44 1865 285220
Email: orau@rlaha.ox.ac.uk
<http://c14.arch.ox.ac.uk>

- SUERC Tony Fallick (Director of SUERC), Gordon Cook (Head of SUERC ¹⁴C Laboratory),
Charlotte Bryant (Head of NERC ¹⁴C Laboratory), Stewart Freeman (Head of SUERC AMS Team)
Scottish Universities Environmental Research Centre
Scottish Enterprise Technology Park
Rankine Avenue
East Kilbride G75 0QF, Scotland
Tel: +44 1355 223332; Fax: +44 1355 229898
<http://www.gla.ac.uk/suerc>
- UBA Dr. Paula Reimer and Prof. Gerry McCormac
14CHRONO Centre for Climate, the Environment, and Chronology
School of Geography, Archaeology, and Palaeoecology
The Queen's University of Belfast
42 Fitzwilliam Street
Belfast BT9 6AX, United Kingdom
Tel: +44 2890 973980; Fax: +44 2890 973897
Email: p.j.reimer@qub.ac.uk
<http://www.chrono.qub.ac.uk>; <http://www.qub.ac.uk/arcpal>

UNITED STATES

- AA A. J. Timothy Jull
NSF-Arizona AMS Facility
1118 E. Fourth Street
P.O. Box 210081
The University of Arizona
Tucson, Arizona 85721-0081, USA
Tel: +1 520 621 6810; Fax: +1 520 621 9619
Email: ams@physics.arizona.edu
<http://www.physics.arizona.edu/ams>
- Beta D. G. Hood
Beta Analytic, Inc.
Professional Radiocarbon Dating Services
4985 SW 74 Court
Miami, Florida 33155, USA
Tel: +1 305 667 5167; Fax: +1 305 663 0964
Email: beta@radiocarbon.com
<http://www.radiocarbon.com/>
- CAMS John Knezovich
Center for Accelerator Mass Spectrometry
Lawrence Livermore National Laboratory
P.O. Box 808, L-397
Livermore, California 94550, USA
Tel: +1 510 422 9670; Fax: +1 510 423 7884
Email: knezovich1@llnl.gov
- KCCAMS John Southon, Ellen Druffel, Susan Trumbore, Guaciara M. dos Santos
Earth System Science Department
B321 Croul Hall, University of California, Irvine
Irvine, California 92697-3100, USA
Tel: +1 (949) 824 3674; Fax: +1 (949) 824 3874
Email: jsouthon@uci.edu *and/or* gdossant@uci.edu
<http://www.ess.uci.edu/ams/>
- NSRL Scott Lehman
INSTAAR Laboratory for AMS Radiocarbon Preparation and Research (NSRL)
CU-Boulder
1560 30th St.
Campus Box 450
Boulder, Colorado 80309-0450, USA
Tel: +1 303 492 0362; Fax: +1 303 492 6388
Email: Scott.Lehman@colorado.edu
<http://www.colorado.edu/INSTAAR/RadiocarbonDatingLab/>

1434 *Laboratories*

- PL Prof. Marc Caffee
Purdue Rare Isotope Measurement Laboratory
Purdue University
525 Northwestern Avenue
West Lafayette, Indiana 47907-2036, USA
Tel: +1 765 494 5381; Fax: +1 765 496 7228
Email: mcaffee@physics.purdue.edu
<http://primelab.physics.purdue.edu>
- PRI Linda Scott Cummings
PaleoResearch Institute
2675 Youngfield St
Golden, Colorado 80401, USA
Tel: +1 303 277 9848; Fax: +1 303 462 2700
Email: ams@paleoresearch.com
<http://www.paleoresearch.com>
- WHAMS John M. Hayes
National Ocean Sciences AMS Facility
Woods Hole Oceanographic Institution
McLean Laboratory, Mail Stop #8
Woods Hole, Massachusetts 02543-1539, USA
Tel: +1 508 289 3345; Fax: +1 508 457 2183
Email: jhayes@whoi.edu
<http://nosams.whoi.edu>

LABORATORIES – CODE DESIGNATIONS*

A	University of Arizona	USA	DSA	CIRCE, Caserta	Italy
AA	NSF-Ariz. AMS Facility	USA	ENEA	ENEA, Bologna	Italy
AAR	University of Aarhus	Denmark	Erl	Erlangen AMS Facility	Germany
AC	Ingeis	Argentina	ETH	ETH/AMS Facility	Switzerland
AECV*	Alberta Environmental Center of Vegreville	Canada	F*	Florence	Italy
AERIK*	Atomic Energy Res. Inst.	Korea	Fr*	Freiberg	Germany
ALG*	Algiers	Algeria	Fra*	Frankfurt	Germany
ANL*	Argonne Nat. Lab.	USA	FSU*	Florida State University	USA
ANSTO	Australian Nuclear Science & Technology	Australia	FZ	Fortaleza	Brazil
ANTW*	Antwerp	Belgium	G*	Göteborg	Sweden
ANU*	Australian National University	Australia	GAK*	Gakushuin University	Japan
ANUA	ANU Accelerator	Australia	Gd	Gliwice	Poland
AU*	University of Alaska	USA	GD*	Gdansk	Poland
B	Bern	Switzerland	Gif	Gif-sur-Yvette	France
Ba	Bratislava	Slovakia	Gif A	Gif-sur-Yvette and Orsay	France
BC*	Brooklyn College	USA	GIN	Geological Institute	Russia
Beta	Beta Analytic	USA	GL*	Geochronological Lab.	England
BGS	Brock University	Canada	Gro*	Groningen	the Netherlands
BIOCAMS*	Miami	USA	GrN	Groningen	the Netherlands
Birm*	Birmingham	UK	GrA	Groningen AMS	the Netherlands
Bln	Berlin	Germany	GSC	Geological Survey	Canada
BM*	British Museum	England	GU	Scottish Universities Research & Reactor Centre (formerly Glasgow University)	Scotland
BONN*	Universität Bonn	Germany	GX	Geochron Laboratories	USA
BS	Birbal Sahni Institute	India	H*	Heidelberg	Germany
C*	Chicago	USA	HAM	Hamburg	Germany
CAMS	Center for Accelerator Mass Spectrometry	USA	HAR*	Harwell	England
CAR*	Univ. College, Cardiff	Wales	Hd	Heidelberg	Germany
CENA	Centro Energia Nuclear na Agricultura	Brazil	Hel	Helsinki	Finland
CG	Institute of Geology	China	HIG*	Hawaii Inst. of Geophys.	USA
CH*	Chemistry Laboratory	India	HL	Second Institute of Oceanography	China
CRCA*	Cairo	Egypt	HNS*	Hasleton-Nuclear, Palo Alto, California	USA
CRL	Czech Radiocarbon Laboratory	Czech Republic	Hv	Hannover	Germany
CSIC	Geochronology Lab, IQFR-CSIC, Madrid	Spain	I*	Teledyne Isotopes	USA
CSM*	Cosmochemistry Lab. USSR Academy of Sciences	USSR	IAEA	International Atomic Energy Agency	Austria
CT*	Caltech, Calif. Inst. Tech.	USA	IAEA- MEL	Marine Environmental Laboratory	Monaco
CU	Charles University	Czech Republic	ICEN*	Instituto Tecnológico e Nuclear	Portugal
D*	Dublin, Trinity College	Ireland	IEMAE	Institute of Evolutionary Morphology and Animal Ecology	Russia
Dak*	Univ. of Dakar	Sénégal	IFAO	Institut français d'archéologie orientale	Egypt
DAL*	Dalhousie University	Canada	IGAN	Institute of Geography	Russia
DE*	USGS, Denver	USA	IGS*	Inst. of Geological Sci.	Sweden
Deb	Debrecen	Hungary	IGSB	Inst. of Geological Sci.	Belarus
DEM	NCSR Demokritos	Greece	IHME	Marzeev Inst. of Hygiene and Medical Ecology	Ukraine
DIC*	Dicar Corp and Dicarb Radioisotope Company	USA	II*	Isotopes, Inc., Palo Alto	USA
DK	Univ. de Dakar	Sénégal			
DRI*	Desert Research Institute	USA			

* Indicates laboratories that are closed, no longer measuring ^{14}C , or operating under a different code designation.

IMTA	Inst. Mexicano de Tecnología del Agua	Mexico	METU	Middle East Technical University	Turkey
IOAN*	Institute of Oceanography	Russia	ML*	Miami	USA
IORAN*	Institute of Oceanology	Russia	Mo*	Verdanski Inst. of Geochemistry, Moscow	USSR
IRPA	Royal Institute for Cultural Heritage	Belgium	MOC*	Archaeological Institute, Czechoslovak Acad. of Sci.	Czech Republic
ISGS	Illinois State Geological Survey	USA	MP*	Magnolia Petroleum	USA
IVAN*	Institute of Volcanology	Ukraine	MRR1*	Marine Resources Research Institute	USA
IVIC*	Caracas	Venezuela	MSU*	Moscow State University	Russia
IWP*	Institute of Water Problems	Russia	MTC	University of Tokyo	Japan
J	Max-Planck-Institut für Biogeochemie, Jena	Germany	N*	Nishina Memorial	Japan
JGS*	Geological Survey of Japan	Japan	NIST	National Institute of Standards and Technology	USA
JUBR	Biren Roy Research Laboratory	India	NPL*	National Physical Laboratory, Middlesex	England
K	National Museum	Denmark	NS*	Nova Scotia Research Foundation	Canada
KAERI*	Korean Atomic Energy Research Institute	Korea	NSRL	INSTAAR – University of Colorado	USA
KCP	National Cultural Property Research Institute	Korea	NSTF*	Nuclear Science and Technology Facility, State Univ. of New York	USA
KEEA	Kyushu Environmental Evaluation Association	Japan	NSW*	U. of New South Wales	Australia
KI	Kiel	Germany	NTU	National Taiwan University	Republic of China
KIA	Kiel AMS	Germany	NU	Nihon University	Japan
Ki (KIEV)	Institute of Radio-Geochemistry of the Environment	Ukraine	NUTA	Tandatron AMS Lab	Japan
KIK	Royal Institute for Cultural Heritage	Belgium	Ny*	Nancy, Centre de Recherches Radiogéologiques	France
KN	Köln	Germany	NZ*	Rafter Radiocarbon Lab	New Zealand
KR	Krakow	Poland	NZA	Rafter (AMS)	New Zealand
KRIL*	Krasnoyarsk Institute	Russia	O*	Humble Oil & Refining	USA
KSU*	Kyoto Sangyo University	Japan	OBDY*	ORSTOM Bondy	France
L*	Lamont-Doherty	USA	OR	Research Center of Radioisotopes	Japan
LAR*	Liège State University	Belgium	ORINS*	Oak Ridge Institute of Nuclear Studies	USA
LE	St. Petersburg	Russia	OWU*	Ohio Wesleyan Univ.	USA
LIH	NCSR Demokritos	Greece	OX*	USDA	USA
LJ*	Scripps (UCSD) La Jolla	USA	OxA	Oxford Radiocarbon Accelerator Unit	England
LOD	Łódź	Poland	OZ	ANSTO-ANTARES	Australia
LP	La Plata	Argentina	P*	Univ. of Pennsylvania	USA
LTL	University of Lecce	Italy	PAL	Palynosurvey Co.	Japan
Lu*	Lund	Sweden	Pi*	Pisa	Italy
LuS	Lund	Sweden	Pj*	Permafrost Institute	Russia
LU	St. Petersburg State University	Russia	PIC*	Packard	USA
Lv*	Louvain-la-Neuve	Belgium	PITT*	University of Pittsburgh	USA
Ly	University of Lyon	France	Poz	Poznań	Poland
LZ	Umweltforschungszentrum Leipzig-Halle	Germany	P* ^r	Prague	Czech Republic
M*	University of Michigan	USA	PKU	Peking University	China
Ma*	University of Winnepeg	Canada	PKUAMS	Peking Univ. AMS lab	China
MAG	Quaternary Geology and Geochronology Laboratory	Russia	PL	Purdue Rare Isotope Measurement Laboratory	USA
MC*	Centre Scientifique de Monaco	Monaco	PLD	Paleo Labo. Co., Ltd.	Japan
			PRI	PaleoResearch Inst.	USA

PRL	Radiocarbon Dating Research Unit	India	TK	University of Tokyo	Japan
PRLCH	Physical Research Laboratory	India	TKa	Univ. of Tokyo-AMS	Japan
PSU*	Pennsylvania State Univ.	USA	TKU	Turku	Finland
Pta	Pretoria	South Africa	Tln	Tallinn	Estonia
Q	Cambridge	England	TO	IsoTrace Laboratory	Canada
QL*	Quaternary Isotope Laboratory	USA	TUNC*	Tehran University Nuclear Centre	Iran
QC*	Queens College	USA	Tx*	Texas	USA
QU*	Centre de Recherches Minérales, Québec	Canada	U	Uppsala University	Sweden
R	Rome	Italy	Ua	Uppsala AMS	Sweden
RCD	Radiocarbon Dating	England	UB*	Belfast	Northern Ireland
RI*	Radiochemistry, Inc.	USA	UBA	Belfast	Northern Ireland
RIDDL*	Simon Fraser Univ.	Canada	UBAR	University of Barcelona	Spain
Riga	Institute of Science	Latvia	UCD	University College, Dublin	Ireland
RL*	Radiocarbon, Ltd.	USA	UCI	University of California, Irvine	USA
Rome	Department of Earth Sciences, Rome	Italy	UCLA*	University of California, Los Angeles	USA
RT	Rehovot	Israel	UCR*	University of California, Riverside	USA
RU*	Rice University	USA	UD*	Udine	Italy
S*	Saskatchewan	Canada	UGa	University of Georgia	USA
Sa*	Saclay, Gif-sur-Yvette	France	UGRA	University of Granada	Spain
Sac	Instituto Tecnológico e Nuclear	Portugal	UL	University of Laval	Canada
SacA	Gif sur Yvette (Saclay)	France	UM*	University of Miami	USA
SFU*	Simon Fraser Univ.	Canada	UNAM	National Autonomous University of Mexico	Mexico
Sh*	Shell Development Co.	USA	UQ*	University of Quebec at Montréal	Canada
SI*	Smithsonian Institution	USA	URCRM*	Ukrainian Research Ctr. for Radiation Medicine	Ukraine
SL*	Sharp Laboratories	USA	URU	University of Uruguay	Uruguay
SM*	Mobil Oil Corp., Dallas (formerly Magnolia & Socony Mobil Oil)	USA	USGS*	USGS, Menlo Park	USA
SMU*	Southern Methodist Univ.	USA	UtC	Utrecht van de Graaff Laboratory	the Netherlands
SNU	Seoul National Univ.	Korea	UTCAG	University of Tennessee	USA
SOAN	Institute of Geology, Geophysics, and Mineralogy	Russia	UW*	University of Washington	USA
SR*	Salisbury, Rhodesia	Rhodesia	V*	Melbourne, Victoria	Australia
SRR	NERC Radiocarbon Laboratory	Scotland	VERA	Institut für Radiumforschung und Kernphysik	Austria
St*	Stockholm	Sweden	VRI*	Universität Wien	Austria
Su*	Finland	Finland	W*	USGS, National Center	USA
SUA*	University of Sydney	Australia	WAT*	University of Waterloo	Canada
SUERC	Scottish Universities Environmental Research Centre	Scotland	WHAMS	National Ocean Sciences AMS Facility	USA
SWA	Swansea	Wales	WIS*	Univ. of Wisconsin	USA
T	Trondheim	Norway	Wk	University of Waikato	New Zealand
Ta	Tartu	Estonia	WRD*	USGS Washington, D.C. Water Resources Division	USA
TAM*	Texas A & M University	USA	WSU*	Washington State Univ.	USA
TB	Tblisi	Georgia	XLLQ	Xi'an Laboratory of Loess and Quaternary Geology	China
TBNC*	Kaman Instruments (formerly Texas-Bio-Nuclear)	USA	X*	Whitworth College	USA
TEM*	Temple University	USA	Y*	Yale University	USA
TF*	Tata Institute of Fundamental Research	India	Ya*	Yale University	USA
			Z	Zagreb	Croatia