

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 1086 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 Jorge E. Carbonari and Roberto A. Huarte
Laboratorio de Tritio y Radiocarbono, LATYR
Centro de Investigaciones Geológicas, CIG
Facultad de Ciencias Naturales y Museo, UNLP
Paseo del Bosque s/n. (1900) La Plata, Argentina
Tel: + 54 221 4270648
Email: latyr@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/>

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/divisoes-cientificas/desenvolvimento-metodos-tecnicas-analiticas-nucleares/laboratorio-carbono-14>

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

DGC Dr. John Gosse
Dalhousie Geochronology Centre
Dept Earth Sciences 3006 LSC
Dalhousie University
1459 Oxford Street
Halifax, B3H 4R2, Canada
Tel.: +1 902 494 6632; Fax: +1 902 494 6889
Email: john.gosse@dal.ca
<http://geochronology.earthsciences.dal.ca/>

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

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@njnu.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

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
Ehitajate tee 5
19086 Tallinn, Estonia
Tel: +372 620 3031; Fax: +372 620 3011
Email: kaup@gi.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
Laboratoire des Sciences du Climat et de l'Environnement
Laboratoire mixte CEA-CNRS-UVSQ
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.ipsl.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

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 Ralph R Schneider
Leibniz-Labor
Christian-Albrechts-Universität
Max-Eyth-Str. 11-13
D-24118 Kiel, Germany
Tel: Tel. +49 431 880 3895 (R.R.S.), +49 431 880 3896 (H.E.)
Fax: +49 431 880 7401
Email: rschneider@leibniz.uni-kiel.de and herlenkeuser@leibniz.uni-kiel.de
<http://www.uni-kiel.de/leibniz/>

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>

1070 *Laboratories*

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. Chandra Mohan Nautiyal
Radiocarbon Dating Laboratory
Birbal Sahni Institute of Palaeobotany
53 University Road
Lucknow 226007, India
Tel: +91 522 2742937; Fax: +91 522 2740485
Email: cmnautiyal@yahoo.co.uk

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 Dr. Ravi Bhushan
Physical Research Laboratory
Chemistry Department, Geosciences Division
Navrangpura
Ahmedabad 380 009, India
Tel: +91 79 26314304; Fax: +91 79 26314900
Email: bhushan@prl.res.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>

ITALY

ENEA Paolo Bartolomei and Giuseppe Magnani
 ENEA C.R. "E. Clementel"
 Via dei Colli, 16
 40136 Bologna, Italy
 Tel: +39 051 6098168; Fax +39 051 6098187
 Email: paolo.bartolomei@enea.it and giuseppe.magnani@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@mliib.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

IAA Takao Matsui
 Shirakawa Radiometric Laboratory
 Institute of Accelerator Analysis Ltd.
 6-270 Ichiridan, Shirasaka, Shirakawa City
 Fukushima 961-0835, Japan
 Tel: +81 248 21 1055
 Email: office@iaa-ams.co.jp
<http://www.iaa-ams.co.jp>

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

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

1072 *Laboratories*

PAL Shigemoto Tokunaga
Radiocarbon Laboratory, Palynosurvey Co.
Nissan Edobashi Bld.
1-10-5 Honcho, Nihonbashi
Chuoku, Tokyo, Japan
Tel: +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

LITHUANIA

Group of Dendroclimatology and Radiometrics
Environmental Research Centre
Faculty of Natural Sciences
Vytautas Magnus University
Z.E. Zilibero 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

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

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 Einar Vaernes
 The National Laboratory for ¹⁴C Dating
 Museum of Natural History and Archaeology
 Norwegian University of Science and Technology
 N-7491 Trondheim, Norway
 Tel: +47 73 59 33 10; Fax: +47 73 59 33 83
 Email: datlab@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

MKL Marek Krapiec
 Laboratory of Absolute Dating
 Cianowice 225
 Pl-32-043 Skąta, Poland
 Tel: +48 12 3891464; Fax: +48 503 052233
 Email: laboratorium@c14.pl
 http://www.c14.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 Maria M. Pevzner
Geological Institute
Russian Academy of Sciences
Pyzhevsky Pereulok 7
Moscow 119017, Russia
Tel: +7 495 951 9457
Email: m_pevzner@mail.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
 c14orlova@gmail.com

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

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@iqft.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. Mecenaz
 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 and Astronomy
Uppsala University
The Ångström Laboratory
Box 516, SE-751 20 Uppsala, Sweden
Tel: +46 18 471 3557; Fax: +46 18 471 5999
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>

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://c14.kiev.ua>

Ki 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: psrtl@rambler.ru

UNITED KINGDOM

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
- 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.cais.uga.edu>
- 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, Quan Hua and Andrew Smith
OZ ANTARES AMS Facility
Institute for Environmental Research
Australian Nuclear Science and Technology Organisation
New Illawarra Road, Menai 2234, Australia
Email: fink@ansto.gov.au; qhx@ansto.gov.au; ams@ansto.gov.au
Tel: +61-2-9717-3048 (DF); +61-2-9717-3671 (QH); +61-2-9717-9054 (AS); Fax : +61-2-9717-3257
http://www.ansto.gov.au/research/institute_of_environmental_research/science

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

Stewart Fallon
Radiocarbon Dating Laboratory
Research School of Earth Sciences
The Australian National University
Canberra, ACT 0200, Australia
Tel: +61 2 612 54261; Fax: +61 2 612 50941
Email: Stewart.Fallon@anu.edu.au

AUSTRIA

VERA VERA Laboratory, Universität Wien
Institut für Isotopenforschung und Kernphysik
Währingerstrasse 17
A-1090 Vienna, Austria
Tel: +43 1 4277 51700; Fax: +43 1 4277 9517
<http://isotopenforschung.univie.ac.at/>

BELGIUM

RICH Mark Van Strydonck
Royal Institute for Cultural Heritage
Jubelpark I
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>; database: <http://c14.kikirpa.be/search.php>

BRAZIL

LACUFF Prof. Dr. Kita Macario
Radiocarbon Laboratory - Fluminense Federal University
Sala T17 - Instituto de Física
Av Milton Tavares de Sousa s/n Boa Viagem
24210-346 Niteroi, Rio de Janeiro, Brazil
Tel: +55 21 26295892
Email: kitamacario@gmail.com
<http://www.lacron.if.uff.br>

CANADA

TO Liam Kieser
 IsoTrace Laboratory, University of Toronto
 60 St. George Street
 Toronto, Ontario M5S 1A7, Canada
 Tel: +1 416 978 2241
 Email: liam.kieser@utoronto.ca
<http://www.physics.utoronto.ca/~isotracer/info.html>

ULA Guillaume Labrecque
 Radiochronology Laboratory
 C.E.N. (Centre for Northern Studies)
 Université Laval, Abitibi-Price, Room 0248
 2405 Rue de la Terrasse
 Quebec, Quebec G1V 0A6, Canada
 Tel: +1 418 656 2131 ext. 4486
 Email: guillaume.labrecque@cen.ulaval.ca
<http://www.cen.ulaval.ca/en/labradio.aspx> (English); <http://www.cen.ulaval.ca/labradio.aspx> (French)

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>

FINLAND

Hela Markku Oinonen
 Laboratory of Chronology
 Finnish Museum of Natural History
 P.O. Box 64
 FIN-00014 University of Helsinki, Finland
 Email: markku.j.oinonen@helsinki.fi

FRANCE

Gif A Martine Paterne
 Laboratoire des Sciences du Climat et de l'Environnement
 Laboratoire mixte CEA-CNRS-UVSQ
 F-91198 Gif-sur-Yvette Cedex, France
 Tel: +33 1 69 82 35 67; Fax: +33 1 69 82 35 68
 Email: Martine.Paterne@lsce.ipsl.fr

SacA Christophe Moreau
 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: christophe-r.moreau@cea.fr
www-lmc14.cea.fr

GERMANY

- COL** Prof. Dr. Janet Rethemeyer
University of Cologne
Zùlpicher Str. 49a
50674 Köln, Germany
Tel: +49 221 470 7317; Fax: +49 221 470 1663
Email: janet.rethemeyer(@)uni-koeln.de
<http://www.cologne-ams.de/>
- 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
Hans-Knöll-Str. 10
07745 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. Ralph R. Schneider and Dr. Marie-Josée Nadeau
Leibniz-Labor
Christian Albrechts Universität
Max-Eyth-Str. 11
D-24118 Kiel, Germany
Tel: +49 431 880 3895 (R.R.S.), +49 431 880 7390 (M.-J.N.)
Fax: +49 431 880 7401
Email: rschneider@leibniz.uni-kiel.de
<http://www.uni-kiel.de/leibniz/>
- MAMS** Dr. Bernd Kromer
Klaus-Tschira-Labor
Curt-Engelhorn-Zentrum Archaeometrie
C 5 Zeughaus
D-68159 Mannheim, Germany
Tel: +49 621 293 89 47; Fax: +49 621 293 89 56
Email : bernd.kromer@cez-archaeometrie.de
<http://www.cez-archaeometrie.de>

HUNGARY

- DeA** Mihály Molnár
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: mmol@namafia.atomki.hu

ISRAEL

- RTK** 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@weizmann.ac.il

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.terrasi@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

IAAA Takao Matsui
Shirakawa Radiometric Laboratory
Institute of Accelerator Analysis Ltd.
6-270 Ichiridan, Shirasaka, Shirakawa City
Fukushima 961-0835, Japan
Tel: +81 248 21 1055
Email: office@iaa-ams.co.jp
<http://www.iaa-ams.co.jp>

JAT Yoko Kokubu
Tono Geoscience Center, Japan Atomic Energy Agency (JAEA)
959-31 Jorinji, Izumi-cho, Toki-shi
Gifu 509-5102, Japan
Tel: +81-572-53-0211; Fax: +81-572-53-0180
Email: kokubu.yoko@jaea.go.jp

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
Tandatron 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

1082 *Laboratories*

- YU Fuyuki Tokanai
AMS Center for Kaminoyama Research Institute
Yamagata University
19-5 Yujiri, Kanakame, Kaminoyama
Yamagata 999-3109, Japan
Tel: +81 23 695 6225; Fax: +81 23 695 6227
Email: tokanai@sci.kj.yamagata-u.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

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>

NORWAY

- TUa, TRa Einar Vaernes
The National Laboratory for ¹⁴C Dating
Museum of Natural History and Archaeology
Norwegian University of Science and Technology
N-7491 Trondheim, Norway
Tel: +47 73 59 33 10; Fax: +47 73 59 33 83
Email: datlab@vm.ntnu.no

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>

SPAIN

CNA Francisco Javier Santos Arévalo
 Centro Nacional de Aceleradores (CNA)
 Avda. Thomas Alba Edison, nº7, Isla de la Cartuja
 41092 Sevilla, Spain
 Tel: +34 954 46 05 53; Fax: +34 954 46 01 45
 Email: fj.santos@csic.es
 http://www.centro.us.es/cna

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

BE Soenke Szidat
 Laboratory for the Analysis of Radiocarbon with AMS
 Department of Chemistry and Biochemistry
 University of Bern
 Freiestrasse 3
 3012 Bern, Switzerland
 Tel.: +41 31 6314308; Fax: +41 31 6314220
 Email: szidat@iac.unibe.ch

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

1084 *Laboratories*

UBA Prof. Paula Reimer
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 Graham Bench
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: bench1@llnl.gov

D-AMS Ugo Zoppi
Direct AMS - radiocarbon business unit
Accium Biosciences
550 17th Avenue, Suite 550
Seattle, Washington 98122, USA
Tel: +1-206-281-3915; Fax: +1-206-281-5916
Email: info@directAMS.net

KCCAMS John Southon, Ellen Druffel, 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/>

- 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>
- 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.cais.uga.edu>
- NOSAMS William J. Jenkins
National Ocean Sciences AMS Facility
Woods Hole Oceanographic Institution
McLean Laboratory, Mail Stop #8
Woods Hole, Massachusetts 02543-1539, USA
Tel: +1 508 289 2554; Fax: +1 508 457 2183
Email: wjenkins@whoi.edu
<http://www.whoi.edu/nosams>

LABORATORIES – CODE DESIGNATIONS*

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

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

IGAN	Institute of Geography	Russia	Ly	University of Lyon	France
IGS*	Inst. of Geological Sci.	Sweden	LZ	Umweltforschungs- zentrum Leipzig-Halle	Germany
IGSB	Inst. of Geological Sci.	Belarus	M*	University of Michigan	USA
IHME	Marzeev Inst. of Hygiene and Medical Ecology	Ukraine	Ma*	University of Winnepeg	Canada
II*	Isotopes, Inc., Palo Alto	USA	MAG	Quaternary Geology and Geochronology Laboratory	Russia
IMTA	Inst. Mexicano de Tecnología del Agua	Mexico	MAMS	Curt-Engelhorn-Zentrum Archaeometrie	Germany
IOAN*	Inst. of Oceanography	Russia	MC*	Centre Scientifique de Monaco	Monaco
IORAN*	Institute of Oceanology	Russia	METU*	Middle East Technical University	Turkey
IRPA*	Royal Institute for Cultural Heritage	Belgium	MKL	Laboratory of Absolute Dating	Poland
ISGS	Illinois State Geological Survey	USA	ML*	Miami	USA
IVAN*	Institute of Volcanology	Ukraine	Mo*	Verdanski Inst. of Geochemistry, Moscow	USSR
IVIC*	Caracas	Venezuela	MOC*	Archaeological Institute, Czechoslovak Acad. of Sci.	Czech Republic
IWP*	Institute of Water Problems	Russia	MP*	Magnolia Petroleum	USA
J	Max-Planck-Institut für Biogeochemie, Jena	Germany	MRR1*	Marine Resources Research Institute	USA
JGS*	Geological Survey of Japan	Japan	MSU*	Moscow State University	Russia
JUBR	Biren Roy Research Laboratory	India	MTC	University of Tokyo	Japan
K	National Museum	Denmark	N*	Nishina Memorial	Japan
KAERI*	Korean Atomic Energy Research Institute	Korea	NIST	National Institute of Standards and Technology	USA
KCP	National Cultural Property Research Institute	Korea	NOSAMS	National Ocean Sciences AMS Facility, Woods Hole Oceanographic Inst.	USA
KEEA	Kyushu Environmental Evaluation Association	Japan	NPL*	National Physical Laboratory, Middlesex	England
KI	Kiel	Germany	NS*	Nova Scotia Research Foundation	Canada
KIA	Kiel AMS	Germany	NSRL	INSTAAR – University of Colorado	USA
Ki (KIEV)	Institute of Radio- Geochemistry of the Environment	Ukraine	NSTF*	Nuclear Science and Technology Facility, State Univ. of New York	USA
KIK*	Royal Institute for Cultural Heritage	Belgium	NSW*	U. of New South Wales	Australia
KN*	Köln	Germany	NTU	National Taiwan University	Republic of China
KR	Krakow	Poland	NU*	Nihon University	Japan
KRIL*	Krasnoyarsk Institute	Russia	NUTA	Tandetron AMS Lab	Japan
KSU*	Kyoto Sangyo University	Japan	Ny*	Nancy, Centre de Recherches Radiogéologiques	France
L*	Lamont-Doherty	USA	NZ*	Rafter Radiocarbon Lab	New Zealand
LACUFF	Fluminense Federal University	Brazil	NZA	Rafter (AMS)	New Zealand
LAR*	Liège State University	Belgium	O*	Humble Oil & Refining	USA
LE	St. Petersburg	Russia	OBDY*	ORSTOM Bondy	France
LIH	NCSR Demokritos	Greece	OR	Research Center of Radioisotopes	Japan
LJ*	Scripps (UCSD) La Jolla	USA	ORINS*	Oak Ridge Institute of Nuclear Studies	USA
LOD	Łódź	Poland	OWU*	Ohio Wesleyan Univ.	USA
LP	La Plata	Argentina	OX*	USDA (Oxford, Miss.)	USA
LTL	University of Lecce	Italy	OxA	Oxford Radiocarbon Accelerator Unit	England
Lu*	Lund	Sweden	OZ	ANSTO-ANTARES	Australia
LuS	Lund	Sweden			
LU	St. Petersburg State University	Russia			
Lv*	Louvain-la-Neuve	Belgium			

P*	Univ. of Pennsylvania	USA	St*	Stockholm	Sweden
PAL	Palynosurvery Co.	Japan	Su*	Finland	Finland
Pi*	Pisa	Italy	SUA*	University of Sydney	Australia
PI*	Permafrost Institute	Russia	SUERC	Scottish Universities Environmental Research Centre	Scotland
PIC*	Packard	USA	SWA	Swansea	Wales
PITT*	University of Pittsburgh	USA	T	Trondheim	Norway
Poz	Poznań	Poland	Ta	Tartu	Estonia
Pr*	Prague	Czech Republic	TAM*	Texas A & M University	USA
PKU	Peking University	China	TB	Tbilisi	Georgia
PKUAMS	Peking Univ. AMS lab	China	TBNC*	Kaman Instruments	USA
PL	Purdue Rare Isotope Measurement Laboratory	USA	TEM*	Temple University	USA
PLD	Paleo Labo. Co., Ltd.	Japan	TF*	Tata Institute of Fundamental Research	India
PRI	PaleoResearch Inst.	USA	TK	University of Tokyo	Japan
PRL	Radiocarbon Dating Research Unit	India	TKa	Univ. of Tokyo-AMS	Japan
PRLCH	Physical Research Laboratory	India	TKU	Turku	Finland
PSU*	Pennsylvania State Univ.	USA	Tln	Tallinn	Estonia
Pta	Pretoria	South Africa	TO	IsoTrace Laboratory	Canada
Q*	Cambridge	England	TRa	Trondheim(AMS)	Norway
QL*	Quaternary Isotope Laboratory	USA	TUa	Trondheim(AMS)	Norway
QC*	Queens College	USA	TUNC*	Tehran University Nuclear Centre	Iran
QU*	Centre de Recherches Minérales, Québec	Canada	Tx*	Texas	USA
R	Rome	Italy	U	Uppsala University	Sweden
RCD*	Radiocarbon Dating	England	Ua	Uppsala AMS	Sweden
RI*	Radiochemistry, Inc.	USA	UB*	Belfast	Northern Ireland
RICH	Royal Institute for Cultural Heritage	Belgium	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	Dept. of Earth Sciences, Rome	Italy	UCLA*	University of California, Los Angeles	USA
RT	Rehovot	Israel	UCR*	University of California, Riverside	USA
RTK	Rehovot	Israel	UD*	Udine	Italy
RU*	Rice University	USA	UGa	University of Georgia	USA
S*	Saskatchewan	Canada	UGRA	University of Granada	Spain
Sa*	Saclay, Gif-sur-Yvette	France	UL*	University of Laval	Canada
Sac	Instituto Tecnológico e Nuclear	Portugal	ULA	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	USA	USGS*	USGS, Menlo Park	USA
SMU*	Southern Methodist Univ.	USA	UtC*	Utrecht van de Graaff Laboratorium	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 Radiumfor- schung und Kernphysik	Austria	WRD*	USGS Washington, D.C.	USA
VRI*	Universität Wien	Austria	WSU*	Washington State Univ.	USA
W*	USGS, National Center	USA	XLLQ	Xi'an Lab. of China Loess & Quat. Geol.	China
WAT*	University of Waterloo	Canada	X*	Whitworth College	USA
WHAMS	National Ocean Sciences AMS Facility	USA	Y*	Yale University	USA
WIS*	Univ. of Wisconsin	USA	Ya*	Yale University	USA
Wk	University of Waikato	New Zealand	YU	Yamagata University	Japan
			Z	Zagreb	Croatia