

## RADIOCARBON UPDATES

### *Retirements, Relocations and New Laboratories*

Meyer Rubin has officially retired, as of April 30, 1994. His new title is Geologist Emeritus, but he remains active in the USGS laboratory.

Horst Willkomm has retired from the Kiel  $^{14}\text{C}$  lab. Pieter Grootes, formerly of the Quaternary Isotope Laboratory, Seattle, Washington, is now the director of the new Leibniz Labor für Alterbestimmung und Isotopenforschung, presently under construction. The laboratory consists of the existing Kiel  $^{14}\text{C}$  lab, the stable-isotope mass spectrometer group and a new tandem AMS lab, which will be headed by Dr. H. Erlenkeuser. The current address is:

Prof. Pieter Grootes	
Leibniz $^{14}\text{C}$ Labor, c/o Institut für Kernphysik	
Leibnizstraße 19	Tel: 49-431-880-3894
Christian Albrechts Universität	Fax: 49-431-880-3356
D-24118 Kiel, Germany	E-mail: pke26@rz.uni-kiel.d400.de

The Groningen AMS laboratory began operations in January 1994. The conventional laboratory also remains in operation; Johannes van der Plicht directs both laboratories, using the same address and phone numbers. The lab code designation for the AMS lab is GrA. A formal opening celebration is being planned sometime in 1994.

### *Congratulations to...*

Kevin Harrison, who recently delivered a presentation, “Estimating the Potential Impact of  $\text{CO}_2$  Fertilization on Soil Carbon Storage”, named Outstanding Student Paper in the Atmospheric Sciences Section at the 1993 AGU fall meeting in San Francisco. Kevin received his Ph.D. from Columbia University under Wally Broecker and is now working as a Global Change post-doctoral fellow at Oak Ridge National Laboratory. Kevin plays a key role in our  $^{14}\text{C}$  Soils Database Project. His address is:

Kevin G. Harrison	
Oak Ridge National Laboratory	
Environmental Science Division	Tel: 615-574-4020
P.O. Box 2008, Bldg. 1000	Fax: 615-574-2232
Oak Ridge, Tennessee 37831-6335 USA	E-mail: kyg@ornl.gov

### *CALIB Program Availability*

The  $^{14}\text{C}$  calibration programs CALIB 3.0.3C (see Stuiver, M. and Reimer, P. J. 1993 Extended  $^{14}\text{C}$  database and revised CALIB radiocarbon calibration program. *Radiocarbon* 35(1): 215–230) for DOS and Macintosh systems are now available on the Internet at the University of Washington ftp site ftp.u.washington.edu (or 140.142.56.2). The Mac version is not fully adapted to the Macintosh interface. Any future revisions will be posted at this site. The following files have been posted:

- **macnews**—contains information about the current Macintosh version of CALIB including bug reports.
- **dosnews**—contains information about the current DOS version of CALIB including bug reports.

- **MacCALIB\_test\_#9.bin**—this is the compressed MAC CALIB program and necessary files. While still considered a test version, calculations have been double-checked with the DOS version. Users are advised that the MAC version has a DOS-like interface and is not mouse-driven.
- **calib3c.exe**—this is the compressed DOS CALIB program (rev. 3.0.3C) and necessary files (self-extracting archive).
- **calib\_fr.exe**—this compressed file contains the French version of the CALIB manual for the DOS version of the program in MS Word format and in RTF format translated by Philippe Fortin of the Centre de Datation par le Radiocarbone, Batiment 217, Université Claude Bernard Lyon I, 43, Bd. du 11 Novembre 1918, 69622 Villeurbanne Cedex, France.

To access these files, use the command **ftp ftp.u.washington.edu** (or **ftp 140.142.56.2**). (You must be on a computer directly connected to the Internet to run ftp.) Login as **anonymous**, using your e-mail address as the password. Change to the CALIB subdirectory (**cd /public/calib**). Use **dir** to list the files in the directory. Set the file transfer type to ASCII for the news files or binary for the compressed programs and manual, using the commands **ascii** or **binary**, respectively. Then type the command **get filename** to transfer the file to your computer. Once you have logged out of the ftp session (**quit** or **bye**), transfer the file to your PC with Kermit or another file-transfer program. To extract the program and files from the compressed DOS files simply type the name of the executable (**CALIB3C** or **CALIB\_FR**). If you want to check that the transfer worked without extracting the files, type **CALIB3C /t** or **CALIB\_FR /t**. To extract just the manual (ASCII and WORD format), type **CALIB3C manual.\***.

For the Macintosh version, the program Fetch (contact **fetch@dartmouth.edu** for more information) is recommended to transfer the compressed file **MacCalib\_test\_#9.bin** directly to your Macintosh. Use the same address as above to connect to the ftp site and select the files you wish to transfer. After the transfer is complete, quit the program and double-click on the **MacCALIB** icon to uncompress the files. Double-click on **calib.for.apl** to start the program.

(If you have a World-Wide Web (WWW) client such as Mosaic, you can access the files by pointing your client program to **ftp://ftp.u.washington.edu/public/calib**.)

Mailing address for further information:

Dr. Minze Stuiver / Ms. Paula Reimer  
Quaternary Research Center AK-60  
University of Washington  
Seattle, WA 98195

E-mail: [pjreimer@u.washington.edu](mailto:pjreimer@u.washington.edu)

#### *New Online <sup>14</sup>C Database*

The database “A Detailed List of <sup>14</sup>C Significant Ages”, previously accessible *via* the ASTRA service on the BITNET/EARN network, is now available for consultation *via* the Internet Gopher at **gopher.dst.unipi.it** (port 70) in the folder “WAIS (Earth Science)”. This database is indexed for full-text searches; sources of dates retrieved may be found in the same Gopher directory under the heading, “Bibliography pertinent to ‘A detailed list of 14C ages’”. The Universal Resource Locator (URL) for the database is **gopher://gopher.dst.unipi.it:70/11/WAIS (Earth Science)**.

For further information, contact Francesco Paolo Bonadonna, Dipartimento di Scienze della Terra, Università degli Studi di Pisa, e-mail address **teatro@icnucevm.cnuce.cnr.it** or **TEATRO@ICNUCEVM.BITNET**.

*Forthcoming RADIOCARBON Internet Server*

*RADIOCARBON*, too, is expanding its online presence; we expect to have a full-time Internet server operational by the end of summer 1994. We plan on offering access to information and databases of interest to the <sup>14</sup>C community via ftp, Gopher and WWW servers, and will be capable of coordinating e-mail lists and other cooperative projects. If you have suggestions about possible undertakings, or any questions about using Internet resources and search tools, contact Assistant Editor David Sewell, [dsew@cobra.aml.arizona.edu](mailto:dsew@cobra.aml.arizona.edu).

*Meetings*

**LSC 94** - Advances in Liquid Scintillation Spectrometry will be held in Glasgow, Scotland, 8–12 August 1994, the week preceding the 15th International Radiocarbon Conference. Please see our ad for more details, or contact:

Gordon Cook  
Scottish Universities Research  
& Reactor Centre  
East Kilbride  
Glasgow G75 0QU, Scotland

Tel: 44 3551 23332  
Fax: 44 3552 29898

Directly following the Liquid Scintillation Conference will be the **15th International Radiocarbon Conference** in Glasgow, Scotland, 15–19 August 1994. Please see our ad for more details, or contact:

Marian Scott or Mrs. M. Smith  
Department of Statistics  
University of Glasgow  
Glasgow, G12 8QW, Scotland

Tel: 44 41 339 8855 Ext. 5024  
Fax: 44 41 330 4814  
E-mail: [GATA24@VME.GLASGOW.AC.UK](mailto:GATA24@VME.GLASGOW.AC.UK)  
or, [marian@stats.gla.ac.uk](mailto:marian@stats.gla.ac.uk)

**Budapest '94** – The Second International Symposium and Exhibition on Environmental Contamination in Central and Eastern Europe, 20–23 September 1994, Budapest, Hungary. For information, contact either Symposium Co-Chairman:

Dr. Roy C. Herndon  
Florida State University/CBTR  
266 Morgan Building  
2035 East Paul Dirac Drive  
Tallahassee, Florida 32310-3700  
Tel: 904-644-5524  
Fax: 904-574-6704  
E-mail: [buda94@chaerse.fsu.edu](mailto:buda94@chaerse.fsu.edu)

Dr. Peter I. Richter  
Technical University of Budapest  
Department of Atomic Physics  
Environmental Research Laboratory  
Budafoki út 8  
H-1111 Budapest, Hungary  
Tel: 36-1-1853-230; Fax: 36-1-1853-230  
E-mail: [buda94@chaerse.fsu.edu](mailto:buda94@chaerse.fsu.edu)

*Publications*

Forthcoming Special Editions for 1995 include: 1) *Tree Rings, Environment and Humanity (TREH), Proceedings of the International Tree-Ring Conference* held in Tucson 17–21 May 1994; 2) *Radiocarbon Dynamics in Soils*. Special Editors, Peter Becker-Heidmann, D. D. Harkness, Eldor Paul and Susan Trumbore. Scheduling has been delayed until after the Soils Workshop in Glasgow; 3) *Proceedings of the 15th International Radiocarbon Conference*; 4) *Proceedings of Advances in Liquid Scintillation Spectrometry 1994*; 5) just published is *Late Quaternary Chronology and Paleoclimates of the Eastern Mediterranean* – please see our ad for more details.