

LSC 2001

International Conference on Advances in Liquid Scintillation Spectrometry

7–11 May 2001, Karlsruhe, Germany



LSC 2001 continues the series of conferences most recently held in Gatlinburg, Tennessee, USA in 1989, Vienna, Austria in 1992, and Glasgow, Scotland in 1994.

Liquid scintillation, with its recent developments in low-level counting and α/β -discrimination, has become a key technique in radiation counting and β -spectrometry. This conference will provide a forum for radioanalysts to discuss their most recent findings and future work, either as oral lectures including both invited and contributed papers, or as posters. Poster authors will have the opportunity to give a short presentation before each poster session. The conference will be held in English.

The conference site will be Karlsruhe, Germany, a beautiful historical city at the northern edge of the legendary Black Forest, near the city of Heidelberg with its famous castle and the lovely Neckar valley. Sightseeing tours will be offered to participants and accompanying persons.

The conference fee will be approximately US\$ 400 for active participants. This includes a welcome reception, coffee during session breaks, excursion fees (Heidelberg, boat tour on the Neckar river), the conference dinner, and snacks during poster sessions. A reduction for students is foreseen. To receive the next circular, please register on our website.

Call for Papers

One-page (A4) abstracts (including title, authors and their affiliations, text) should be forwarded to the conference secretariat, preferably via e-mail, before 1 October 2000. Authors should note that manuscripts must contain original data and should emphasize novel aspects (rather than routine application results). See our website for more information and authors' instructions.

Conference Topics

- New Instrumentation
- Environmental Applications and Analysis
- Bioscience Applications and Medicine
- Health Physics Applications
- Natural Radioactivity with Special Emphasis on Radon
- Alpha Counting
- Cerenkov and Luminescence Counting
- Sample Preparation and Cocktails
- Other Scintillation Techniques

(The list of topics is certainly not exhaustive and is for informative purpose only.)

Conference Website

<http://www.ftu.fzk.de/lsc2001/>

Conference Secretariat

Siegurd Möbius
Forschungszentrum Karlsruhe GmbH
FTU
Postfach 3640
D-76021 Karlsruhe, Germany

Tel: +49 7247 823791

Fax: +49 7247 824857

E-mail: LSC2001@ftu.fzk.de

**Professional
Analytical Services from:**

**The Center for
Applied Isotope Studies**

University of Georgia

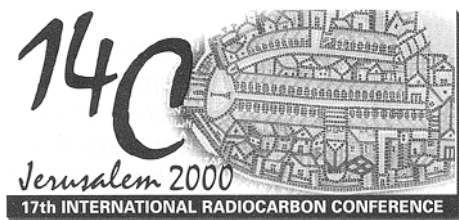
	RECOMMENDED QUANTITY:	
^{14}C (includes $^{13}\text{C}/^{12}\text{C}$)	1-5 g C for benzene LSC <1 g C for AMS	\$250 \$400
$^{13}\text{C}/^{12}\text{C}$	20 mg organic matter or 100 mg carbonate	\$40
$^{18}\text{O}/^{16}\text{O}$	2 ml H ₂ O or 100 mg carbonate	\$50
D/H	2 ml H ₂ O 20 mg organic matter	\$50 \$70
$^{15}\text{N}/^{14}\text{N}$	20 mg organic matter	\$50
^3H LOW-LEVEL	MDA to 20 pCi/L (7.5 TU)	\$125
^3H ULTRA LOW-LEVEL	MDA to 2 pCi/L (0.7 TU) (with tritium enrichment)	\$225
^{222}Rn IN WATER	MDA to 16 pCi/L	\$65
α/β SCREEN	MDA $_{\alpha}$ to 16 pCi/L MDA $_{\beta}$ to 30 pCi/L	\$65

Quantity or Combination Discounts and Priority Service Available

CAIS
120 Riverbend Road
Athens, GA 30602-4702

(706) 542-1395
Fax (706) 542-6106
cais@arches.uga.edu

ירושלים 2000 Jerusalem



17th International Radiocarbon Conference

It is our great pleasure to invite you to participate in the 17th International Radiocarbon Conference, scheduled for June 18–23, 2000, in Israel.

The Conference will be held at a beautiful location, in the rural setting of Kibbutz Ma'ale Hachamisha in the Judean Hills, just west of Jerusalem. The Kibbutz offers an attractive self-contained arrangement of excellent accommodation and conference facilities, which will enable a high degree of interaction between conference participants. The City of Jerusalem with its unique history and tourist attractions is a short drive away and is easily reached by bus or taxi.

The first ^{14}C Conference at the dawn of a new millennium will undoubtedly include exciting new scientific developments. Keeping the tradition of past Radiocarbon conferences, the scientific program will include a wide variety of topics. Sessions will be devoted to:

- Archaeology – with a special session on ^{14}C data of historical periods in the Near East
- Calibration of the ^{14}C time scale
- Sample treatment and measurement techniques
- Geophysics and Geochemistry of ^{14}C
- Cosmogenic radionuclides
- Environment past and present
- Global change
- Glaciology
- Hydrology
- Oceanography
- Geology
- Soils

Participants are welcome to indicate their preference for either oral or poster presentation of their papers. However, the final decision regarding form of presentation will be made by the Organizing Committee. Detailed information will be included in the Second Announcement.

The social program of the Conference will include an afternoon walking tour in the Old City of Jerusalem and a one-day tour in the unique Dead Sea area (lowest point on the earth's surface). A floating swim in the Dead Sea – which is seven times saltier than the ocean – is indeed a unique fun experience.

Sincerely, The Organizing Committee:

Israel Carmi, Chairperson, The Weizmann Institute of Science
Elisabetta Boaretto, Secretary, The Weizmann Institute of Science
Hendrik J. Bruins, Ben Gurion University of the Negev
Michael Paul, Hebrew University of Jerusalem
Dror Segal, Hebrew Antiquities Authority
Yoseph Yechieli, Geological Survey of Israel

For further information, please see the Conference website:

<http://www.radiocarbon.co.il/>

ירושלים 2000 Jerusalem



RADIOCARBON

\$5 Back Issues Clearance Sale

We found hundreds of copies in an old shed! Priced to move.

YEAR	VOLUME	Write in the number of copies desired for each issue					
		NR 1	NR 2	NR 2A	NR 2B	NR 3	NR 4
1980	22						
1981	23						
1982	24						
1983	25						
1984	26						
1985	27						
1986	28						
1987	29						
1988	30						
1989	31						
1990	32						
1991	33						
1992	34						

Calculate Payment

_____ copies x \$5 ea. = \$_____

Subtotal: \$_____

Shipping via surface mail:
(Contact us for other shipping methods)
Add \$2 ea. book for US
Add \$3 ea. book outside US

_____ copies x \$_____ ea. = \$_____

Shipping total: \$_____

Total due: \$_____

Payment & Shipping Address

- MasterCard Visa
 Check enclosed Please bill me

Name: _____

Address: _____

Fax: _____ E-mail: _____

For Credit-Card Orders

Card number: _____ Expiration date: _____

Signature: _____ Phone: _____

For online Contents see: <http://www.radiocarbon.org/Pubs/contents.html>

Prices good while supplies last. Mail or fax this form to:

RADIOCARBON, 4717 East Fort Lowell Road, Room 104, Tucson, Arizona 85712-1201 USA
 Phone: +1 520 881-0857; Fax: +1 520 881-0554; orders@radiocarbon.org

RESERVE FOR FULL-COLOR AD
BY NEC

(National Electrostatics Corp.)

—Place on a right-facing page—

Last printed page before Cover 3

2000 PRICE LIST

Proceedings of the 16th International Radiocarbon Conference (Vol 40, Nrs 1 and 2, 1998)	\$50.00*
INTCAL98 (1998 Calibration issue; Vol 40, Nr 3, 1998)	40.00
Proceedings of the 15th International Radiocarbon Conference (Vol 37, Nr 2, 1995)	50.00
Liquid Scintillation Spectrometry 1994 (ISBN: 0-9638314-3-7; 1996)	20.00
Liquid Scintillation Spectrometry 1992 (ISBN: 0-9638314-0-2; 1993) (ISBN: 0-9638314-0-2; 1993)	10.00
<i>Special offer—LSC 92 and LSC 94 package—save \$5.00</i>	25.00
Late Quaternary Chronology and Paleoclimates of the Eastern Mediterranean (ISBN: 0-9638314-1-0; 1994)	30.00
Tree Rings, Environment and Humanity (ISBN 0-9638314-2-9; 1996) (Proceedings of the International Tree-Ring Conference, Tucson, Arizona, 1994)	20.00
<hr/>	
SUBSCRIPTION RATES VOLUME 42, Nrs 1–3, 2000	
Institution	120.00
Individual	65.00
Lifetime Subscription—Institutional	2500.00
Lifetime Subscription—Individual	700.00
<hr/>	
BACK ISSUES (except conference proceedings and special issues)	Single issue 40.00
VOLUMES 1–9 each volume	40.00
VOLUMES 10–21 each volume	65.00
VOLUMES 22–41 each volume	100.00
Radiocarbon Conference Proceedings	50.00
SPECIAL FULL-SET OFFER—Volumes 1–41 (1959–1999)	800.00
Big savings. Includes 11 out-of-print issues. Take \$50.00 off for each additional set.	

POSTAGE AND HANDLING CHART

	U.S.	Foreign
Subscription	--	\$10.00
Book or Proceedings	\$2.75	\$5.00
Single back issue	\$1.25	\$2.00
Full set	\$45.00	\$80.00

Postage rates are for surface mail. Please contact us for airmail or express delivery rates.

Orders must be prepaid. We accept payments by Visa and MasterCard, or by check or money order payable in \$US to *Radiocarbon*.

*Postage will be added; see above chart. Subscription rates and book prices are subject to change.

Cover 4—Outside back cover

Reserve for same ad as Vol. 41(3), 1999
back cover (Rafter Radiocarbon Lab)

Black image on red background.