

## 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 in Part II. Laboratory code designations, used to identify published dates, are given to the left of the listing. (See p 787 ff. for a complete list of past and present lab codes.)

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

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**LABORATORIES – CODE DESIGNATIONS\***

A	Arizona	USA	GD*	Gdansk	Poland
AA	NSF-Ariz. AMS Facility	USA	Gif	Gif sur Yvette	France
AAR	University of Aarhus	Denmark	Gif A	Gif sur Yvette and Orsay	France
AC	Ingeis	Argentina	GIN	Geological Institute	Russia
AECV	Alberta Environmental Center of Vegreville	Canada	GL*	Geochronological Lab.	England
AERIK*	Atomic Energy Res. Inst.	Korea	Gro*	Groningen	The Netherlands
ALG*	Algiers	Algeria	GrN	Groningen	The Netherlands
ANL*	Argonne Nat. Lab., Ill.	USA	GrA	Groningen AMS	The Netherlands
ANTW	Antwerp	Belgium	GSC	Geological Survey	Canada
ANU	Australian National University	Australia	GU	Scottish Universities Research & Reactor Centre (formerly Glasgow University)	Scotland
ANUA	ANU Accelerator	Australia	GX	Geochron Laboratories	USA
AU*	University of Alaska	USA	H*	Heidelberg	West Germany
B	Bern	Switzerland	HAM	Hamburg	Germany
Ba	Bratislava	Slovakia	HAR*	Harwell	England
BC*	Brooklyn College	USA	Hd	Heidelberg	Germany
Beta	Beta Analytic	USA	Hel	Helsinki	Finland
BGS	Brock University	Canada	HIG*	Hawaii Inst. of Geophys.	USA
Birm	Birmingham	UK	HL	Second Institute of Oceanography	China
Bln	Berlin	Germany	HNS*	Hasleton-Nuclear, Palo Alto, California	USA
BM	British Museum	England	Hv	Hannover	Germany
BONN*	Universität Bonn	Germany	I	Teledyne Isotopes	USA
BS	Birbal Sahni Institute	India	IAEA	International Atomic Energy Agency	Austria
C*	Chicago	USA	IAEA-MEL	Marine Environmental Laboratory	Monaco
CAMS	Center for Accelerator Mass Spectrometry	USA	ICEN	Instituto Tecnológico e Nuclear	Portugal
CAR*	Univ. College, Cardiff	Wales	IEMAE	Institute of Evolutionary Morphology and Animal Ecology	Russia
CENA	Centro Energia Nuclear na Agricultura	Brazil	IGAN	Institute of Geography	Russia
CG	Institute of Geology	China	IGS*	Inst. of Geological Sci.,	Sweden
CH	Chemistry Laboratory	India	II*	Isotopes, Inc., Palo Alto	USA
CRCA	Cairo	Egypt	IOAN	Institute of Oceanography	Russia
CSIC	Geochronology Lab, IQFR-CSIC, Madrid	Spain	IORAN	Institute of Oceanology	Russia
CSM*	Cosmochemistry Lab. USSR Academy of Sciences	USSR	IRPA	Royal Institute of Cultural Heritage	Belgium
CT*	Caltech, Calif. Inst. Tech.	USA	ISGS*	Illinois State Geological Survey	USA
CU	Charles University	Czech Republic	IVAN	Institute of Volcanology	Ukraine
D*	Dublin, Trinity College	Ireland	IVIC*	Caracas	Venezuela
Dak*	Univ. de Dakar	République du Sénégal	IWP	Institute of Water Problems	Russia
DAL*	Dalhousie University	Canada	J	Max-Planck-Institut für Biogeochemie, Jena	Germany
DE*	USGS, Denver	USA	JGS	Geological Survey of Japan	Japan
Deb	Debrecen	Hungary	JUBR	Biren Roy Research Laboratory	India
DEM	NCSR Demokritos	Greece	K	National Museum	Denmark
DIC*	Dicar Corp and Dicarb Radioisotope Company	USA	KAERI*	Korean Atomic Energy Research Institute	Korea
DRI*	Desert Research Institute	USA	KCP	National Cultural Property Research Institute	Korea
ENEA	ENEA, Bologna	Italy	KEEA	Kyushu Environmental Evaluation Association	Japan
ETH	ETH/AMS Facility	Switzerland	KI	Kiel	Germany
F	Florence	Italy			
Fr	Freiberg	Germany			
Fra	Frankfurt	Germany			
FSU*	Florida State University	USA			
FZ	Fortaleza	Brazil			
G*	Göteborg	Sweden			
GAK	Gakushuin University	Japan			
Gd	Gliwice	Poland			

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

KIA	Kiel AMS	Germany	NZA	New Zealand	New Zealand
Ki (KIEV)	Institute of Radio-Geochemistry of the Environment	Ukraine	O*	Humble Oil & Refining	USA
KN	Köln	Germany	OB DY	ORSTOM Bondy	France
KR	Krakow	Poland	ORINS*	Oak Ridge Institute of Nuclear Studies	USA
KRIL	Krasnoyarsk Institute	Russia	OWU*	Ohio Wesleyan Univ.	USA
KSU	Kyoto Sangyo University	Japan	OX*	USDA	USA
L*	Lamont-Doherty	USA	OxA	Oxford Radiocarbon Accelerator Unit	England
LAR	Liège State University	Belgium	P*	Univ. of Pennsylvania	USA
LE	St. Petersburg	Russia	Pj*	Pisa	Italy
LIH	NCSR Demokritos	Greece	PI	Permafrost Institute	Russia
LJ*	Scripps (UCSD) La Jolla	USA	PIC*	Packard	USA
LOD	Lodz	Poland	PITT*	University of Pittsburgh	USA
LP	La Plata	Argentina	Poz	Pozan	Poland
Lu	Lund	Sweden	Pr*	Prague	Czechoslovakia
LU	St. Petersburg State Univesity	Russia	PSU*	Pennsylvania State Univ.	USA
Lv*	Louvain-la-Neuve	Belgium	PKU	Peking University	China
Ly	University of Lyon	France	PL	Purdue Rare Isotope Measurement Laboratory	USA
LZ	Umweltforschungs-zentrum Leipzig-Halle	Germany	PRL	Physical Research Laboratory	India
M*	University of Michigan	USA	Pta	Pretoria	South Africa
Ma*	University of Winnepeg	Canada	Q	Cambridge	England
MAG	Quaternary Geology and Geochronology Laboratory	Russia	QL*	Quaternary Isotope Laboratory	USA
MC*	Centre Scientifique de Monaco	Monaco	QC*	Queens College	USA
METU	Middle East Technical University	Turkey	QU*	Centre de Recherches Minérales, Québec	Canada
ML*	Miami	USA	R	Rome	Italy
Mo*	Verdanski Inst. of Geochemistry, Moscow	USSR	RCD	Radiocarbon Dating	England
MOC*	Archaeological Institute, Czechoslovak Acad. of Sci.	Czechoslovakia	RI*	Radiochemistry, Inc.	USA
MP*	Magnolia Petroleum	USA	RIDDL*	Simon Fraser Univ.	Canada
MRRI*	Marine Resources Research Institute	USA	Riga	Institute of Science	Latvia
MSU	Moscow	Russia	RL*	Radiocarbon, Ltd.	USA
N	Nishina Memorial	Japan	Rome	Department of Earth Sciences, Rome	Italy
NIST	National Institute of Standards and Technology	USA	RT	Rehovot	Israel
NPL*	National Physical Laboratory, Middlesex	England	RU*	Rice University	USA
NS*	Nova Scotia Research Foundation	Canada	S*	Saskatchewan	Canada
NSRL	INSTAAR – University of Colorado	USA	Sa*	Saclay, Gif-sur-Yvette	France
NSTF*	Nuclear Science and Technology Facility, State Univ. of New York	USA	Sac	Instituto Tecnológico e Nuclear	Portugal
NSW*	U. of New South Wales	Australia	SFU*	Simon Fraser Univ.	Canada
NTU	National Taiwan University	Republic of China	Sh*	Shell Development Co.	USA
NU	Nihon University	Japan	SI*	Smithsonian Institution	USA
Ny*	Nancy, Centre de Recherches Radiogéologiques	France	SL*	Sharp Laboratories	USA
NZ	New Zealand	New Zealand	SM*	Mobil Oil Corp., Dallas (formerly Magnolia & Socony Mobil Oil)	USA
			SMU*	Southern Methodist Univ.	USA
			SNU	Seoul National Univ.	Korea
			SOAN	Institute of Geology and Geophysics	Russia
			SR*	Salisbury, Rhodesia	Rhodesia

SRR	NERC Radiocarbon Laboratory	Scotland	UD	Udine	Italy
St*	Stockholm	Sweden	UGa	University of Georgia	USA
Su	Finland	Finland	UGRA	University of Granada	Spain
SUA	Sydney University	Australia	UM*	University of Miami	USA
SWA	Swansea	Wales	UQ	University of Quebec at Montreal	Canada
T	Trondheim	Norway	URCRM	Ukrainian Research Ctr. for Radiation Medicine	Ukraine
TA	Tartu	Estonia	URU	University of Uruguay	Uruguay
TAM*	Texas A & M University	USA	USGS*	USGS, Menlo Park	USA
TB	Tblisi	Georgia	UtC	Utrecht van de Graaff Laboratory	The Netherlands
TBNC*	Kaman Instruments (formerly Texas-Bio-Nuclear)	USA	UW*	University of Washington	USA
TEM*	Temple University	USA	V*	Melbourne, Victoria	Australia
TF*	Tata Institute of Fundamental Research	India	VRI	Vienna Radium Institute	Austria
TK	University of Tokyo	Japan	W*	USGS, National Center	USA
TKU	Turku	Finland	WAT	University of Waterloo	Canada
Tln	Tallinn	Estonia	WHAMS	National Ocean Sciences AMS Facility	USA
TO	IsoTrace Laboratory	Canada	WIS	Wisconsin	USA
TUNC*	Tehran University Nuclear Centre	Iran	Wk	University of Waikato	New Zealand
Tx*	Texas	USA	WRD*	USGS Washington, D.C. Water Resources Division	USA
U	Uppsala	Sweden	WSU*	Washington State Univ.	USA
Ua	Uppsala AMS	Sweden	XLLQ	Xian Laboratory of Loess and Quaternary Geology	China
UB	Belfast	Northern Ireland	X*	Whitworth College	USA
UBAR	University of Barcelona	Spain	Y*	Yale University	USA
UCD	University College, Dublin	Ireland	Ya*	Yale University	USA
UCI	University of California, Irvine	USA	Z	Zagreb	Croatia
UCLA	University of California, Los Angeles	USA			
UCR	University of California, Riverside	USA			

