

# European Research & Development Database

## FILE DESCRIPTION

**European Research & Development Database** provides extensive coverage of commercial research activities as well as publicly-funded and academic research.

Over 21,000 organizations are included, from large multinational organizations to small, fast-emerging operations at the leading edge of current research. Organizations are classified by one of five key areas: business enterprise, government, higher education, consultancy, private non-profit.

Separate profiles are available for professionals currently engaged in research. Detailed biographies give information on the career history of over 85,000 heads of organizations, senior researchers, research directors, and managers.

The European Research & Development Database is the equivalent of *European Research & Development* and *Who's Who in European Research*. Every research organization and researcher has been contacted by Bowker-Saur to update and amend these entries. Over 660 subject fields and 39 countries, including those of the former Soviet Union are covered.

## SUBJECT COVERAGE

A typical organization entry includes full contact details along with:

- Main Organizational Activity and Current Research
- Research Expenditure
- Source of Funding
- Parent Organization
- Affiliations
- Ongoing Full-Time Research
- List of Research Personnel

A typical biographical entry includes:

- Current Job Title
- Current Research Activity
- Career History
- Languages
- Education
- Honours and Awards
- Major Publications
- Memberships

## TIPS

### USE FILE 113

for the definitive guide to research and development throughout Europe.

### USE BRITISH SPELLING

in addition to American spelling to ensure complete retrieval.

S (HONOR? OR HONOUR?)

### USE RANK

to see which companies are working in an area of interest.

SELECT CROP(W)GENETICS/DE NOT  
(UNIV? OR COLLEGE)  
RANK CO

### USE LIMITS

to narrow your search:

/BIO for Biographical Records  
/ORG for Organization Records

## DIALOG FILE DATA

Inclusive Dates: 1990 to 1997

Update Frequency: Closed

File Size: 84,540 records

63,473 Bibliographic records

21,067 Organizational records as of March 1998

## CONTACT

European Research & Development Database is provided by Bowker-Saur, a division of Reed-Elsevier (UK) Limited. Questions concerning file content should be directed to:

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## SAMPLE BIOGRAPHICAL RECORD

DIALOG(R)File 113:EUROPEAN R&amp;D DATABASE

(c) 1997 Reed-Elsevier (UK) LTD. All rts. reserv.

**AA=, SF=** 0157164 IP NUMBER: UK-9-0304-1 SUBFILE: Who's Who in European Research**/NM, NM=** SHANKS, Ian Alexander**/CO,/ON,CO=,ON=** UNILEVER RESEARCH**AD=** Colworth Laboratory**AD=** Colworth House**AD=, CY=, CN=** Sharnbrook Bedfordshire MK44 1LQ United Kingdom**RD=** Prof. Ian Shanks**OC=, RD=** Divisional Science Advisor**RD=** electrical and electronics research; engineering; physics research

PRIVATE TEL: +44 (0)1234 222993

PRIVATE FAX: +44 (0)1234 222557

ORGANIZATION TEL: +44 (0)1234 781781

ORGANIZATION FAX: +44 (0)1234 222000

**YB=** BIRTH DATE: 22 June 1948**LA=** LANGUAGE PROFICIENCY: French**ED=** EDUCATION:Glasgow Univ., Scotland, UK, B.Sc.; Glasgow College of Technology,  
Ph.D.**CA=** CAREER DETAILS:Project Mgr., Colorfoto, Scotland, 1970-72; Research Student,  
Portsmouth Polytechnic, 1972-73; Scientist, Royal Radar  
Establishment, Malvern, 1973-82; joined Unilever plc., 1982,  
Principal Scientist, Electronic Biosensors, 1984-86; Chief  
Scientist, Thorn EMI plc., Hayes, Middlesex, 1986-94; Divisional  
Science Advisor, Research and Engineering Division, Unilever  
Research; also Visiting Prof., of Electrical and Electronic  
Engineering, Glasgow Univ**/ID, HA=** HONORS:

Paterson Medal , Inst. Physics, 1984

**ME=** MEMBERSHIPS:MIEE, 1983; FRS, 1984; FIEE, 1990; Royal Academy of Engineering,  
1992, FEng.; Royal Society of Arts, 1993, FRSA.**PU=** PUBLICATION(S):Numerous papers in scientific and technical journals, over 70  
patents**RS=** RESEARCH ACTIVITIES:

Basic and applied research

**/DE**

DESCRIPTORS:

Divisional Science Advisor

electrical and electronics research; engineering; physics research

UPDATED (DD/MM/Year): 30/01/1997

## SAMPLE ORGANIZATION RECORD

DIALOG(R)File 113:EUROPEAN R&D DATABASE  
 (c) 1997 Reed-Elsevier (UK) LTD. All rts. reserv.

**AA=, SF=** 0050826 IP NUMBER: DE-2-0008-2 SUBFILE: European Research & Development

**/CO,/ON,CO=,ON=**  
**AD=**  
**AD=**  
**AD=, CY=, CN=**

ORGANIZATION:  
 UNIVERSITY OF COPENHAGEN  
 Department of Geophysics  
 Juliane Maries Vej 30  
 2100 Copenhagen Denmark

ORGANIZATION TEL: +45 3532 0582  
 ORGANIZATION FAX: +45 3536 5357  
 ORGANIZATION EMAIL: cct@gfy.kTH.dk OR www:http://www.gfy.kTH.dk

**YR=** FOUNDATION YEAR: 1993  
**FD=** SOURCE OF FUNDS: Government, Other (Science Research Council,  
 Danish Space Board, Carlsberg Foundation, ESA,  
 ESF), European Union  
**EM=** EMPLOYEE TOTAL (NUMBER OF RESEARCH STAFF): 21-50  
**OT=** AFFILIATIONS: EARS, IUGG  
 ORGANIZATION TYPE: Higher Education

**CT=** FINANCIAL INFO (Ann Exp): 1.24m  
 CONTACT PERSON/JOB TITLE:

C.C.Tscherning  
 Head of Department

**HD=** HEAD OF ORGANIZATION: C.C.Tscherning (Head of Department)  
**/IP, IP=** PARENT: University of Copenhagen

**RD=** Prof. C.C.Tscherning  
**OC=, RD=** Professor and Head of Department  
**RD=** cartography; geodesy; geophysics; gravity; oceanography;  
 satellites; space technology

**RS=** RESEARCH ACTIVITIES:  
 glaciology, meteorology, oceanography, solar-terrestrial physics,  
 solid earth geophysics, geodesy

**/DE** DESCRIPTORS:  
 cartography; geodesy; geophysics; gravity; oceanography; satellites;  
 space technology; atmospheric sciences; climatology; computers in  
 earth sciences; meteorology and meteorological instruments  
 UPDATED (DD/MM/Year): 10/03/1997

## SEARCH OPTIONS

## BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S SPACE(W)TECHNOLOGY
/CO	CO	Company Name <sup>1</sup>	Word	S UNILEVER(W)RESEARCH/CO
/DE	DE	Field of Research and Occupation (Biographical Records)	Word	S PHYSICS(W)RESEARCH/DE
/ID	ID	Honors <sup>2,7</sup>	Word	S PATERSON(W)MEDAL/ID
/IP	IP	Parent Company <sup>1,3</sup>	Word	S UNIVERSITY(1W)COPENHAGEN/IP
/NM	NM	Researcher Name <sup>1,2</sup>	Word	S IAN(1N)SHANKS/NM
/ON	ON	Organization Name <sup>1</sup>	Word	S UNILEVER(W)RESEARCH/ON
/RS	RS	Research Activities <sup>1</sup>	Word	S APPLIED(W)RESEARCH/RS

<sup>1</sup> Searchable in the Basic Index and in the Additional Indexes.

<sup>2</sup> Available in Biographical Records only.

<sup>3</sup> Available in Organization Records only.

<sup>4</sup> Address, AD=, includes City, State, Postal Code, and Country of all addresses in a record. Private addresses are searchable as AD=, but are not included in CY=, CN=, ST= or ZP=.

<sup>5</sup> Range searching is not recommended.

<sup>6</sup> Field of Research, RD=, includes the researcher names, their field of research, and private addresses.

<sup>7</sup> Honors are searchable in the Basic Index as /ID or in the Additional Indexes as HA=

## ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	ER&D Accession Number	Phrase	S AA=DE-2-0008-2
AD=	AD	Address <sup>4</sup>	Word	S AD=(COLWORTH AND SHARNBROOK)
—	AN	DIALOG Accession Number		
—	BP	Birthplace <sup>2</sup>		
CA=	CA	Career Details <sup>2</sup>	Word	S CA=(THORN(W)EMI)
CN=	CN	Country <sup>4</sup>	Word	S CN=(UNITED(W)KINGDOM)
CO=	CO	Company Name <sup>1</sup>	Phrase	S CO=UNILEVER RESEARCH
CT=	CT	Contact Person/Job Title <sup>3</sup>	Word	S CT=(C(1N)TSCHERNING)
CY=	CY	City <sup>4</sup>	Word	S CY=COPENHAGEN
ED=	ED	Education <sup>2</sup>	Word	S ED=(GLASGOW(2W)TECHNOLOGY)
—	EL	E-mail Address		
EM=	EM	Number of Employees <sup>3,5</sup>	Phrase	S EM=21-50
FD=	FD	Source of Funds <sup>3</sup>	Word	S FD=(EUROPEAN(W)UNION)
—	FI	Financial Information (Annual Expense) <sup>3</sup>		
FS=	FS	File Segment	Phrase	S FS=EUROPEAN RESEARCH & DEV?
—	FX	Fax		
HA=	HA	Honors <sup>2,7</sup>	Word	S HA=(PATERSON(W)MEDAL)
HD=	HD	Head of Organization <sup>3</sup>	Word	S HD=(C(1N)TSCHERNING)
IP=	IP	Parent Company <sup>1,3</sup>	Phrase	S IP=UNIVERSITY OF COPENHAGEN
LA=	LA	Language Proficiency <sup>2</sup>	Word	S LA=FRENCH
ME=	ME	Memberships <sup>2</sup>	Word	S ME=MIEE
NM=	NM	Researcher Name <sup>1,2</sup>	Phrase	S NM=SHANKS, IAN ALEXANDER
OC=	OC	Occupation	Word	S OC=(SCIENCE(W)ADVISOR)
ON=	ON	Organization Name <sup>1</sup>	Phrase	S ON=UNIVERSITY OF COPENHAGEN
OT=	OT	Organization Type <sup>3</sup>	Word	S OT=(HIGHER(W)EDUCATION)
—	PC	Product Code(s) <sup>3</sup>		
PU=	PU	Publications	Word	S PU=PATENTS
RD=	RD	Field of Research <sup>6</sup>	Word	S RD=(PHYSICS(W)RESEARCH)
RS=	RS	Research Activities <sup>1</sup>	Word & Phrase	S RS=(APPLIED(W)RESEARCH) S RS=BASIC "AND" APPLIED RESEARCH
ST=	ST	State/Province <sup>4</sup>	Word	S ST=BEDFORDSHIRE
—	TE	Telephone		
UD=	—	Update	Phrase	S UD=9999
—	UP	Record Date		
YB=	YB	Birth Year and Place <sup>2</sup>	Word	S YB=(JUNE(W)1948)
YR=	YR	Foundation Year <sup>3</sup>	Word	S YR=1993
ZP=	ZP	Postal Code	Phrase	S ZP=MK44 1LQ

## SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK online.

<b>LIMIT</b>	/BIO -- Biography Records /ORG -- Organization Records	S S2/BIO S S3/ORG
<b>SORT</b>	CN, CO, CY, ON, ST, ZP	SORT S5/ALL/CO
<b>RANK</b>	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK NM RANK CO S4

## PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Accession Nos, Subfile, Company, Address, Phone, Fax, and E-mail, Descriptors; Bio Records include Career Details, Honors, Memberships; Org Records include Year Founded, Source of Funds, No of Employees, Org Type, Parent, & Head, Financial Info, Contact
3	Medium	Accession Numbers, Subfile, Company, Address; Bio Records include Researcher Name, Birth Place Date, Language Proficiency, Education, Career Details; Organization Records include Researchers with Field of Research, Contact, Head of Organization
4	--	Accession Numbers, Subfile, Name (Contact or Researcher), Company, Address, Telephone, Fax, and E-mail Numbers
5	--	Full Record
6	Free	Accession Numbers, Subfile, Researcher Name (Biographical Records), Company Name
7	Long	Accession Numbers, Subfile, Company Name, Department, Address, Publications, Research Activities, Descriptors; Biographical Records include Researcher Name, Language Proficiency, Education
8	Short	Accession Numbers, Subfile, Company Name, Department, Address, Descriptors; Biographical Records include Researcher Name, Education, Memberships, Honors; Company Records include Number of Employees, Foundation Year, Contact, Parent Company
9	Full	Full Record
10	--	National Address (excludes country)
20	--	International Address (includes country)
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

## OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

<b>USER DEFINED FORMATS</b>	Display codes listed in the Search Options tables can be used to customize output.	TYPE S4/CO,AD,FD/1-5
<b>TAG</b>	Output can be displayed with tags identifying each display fiel.	S1/6,CA,RD/ALL TAG
<b>DIRECT RECORD ACCESS</b>	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 00082520/9 DISPLAY 00027892 PRINT 00000987/9

### FOR ONLINE HELP:

See HELP FIELDS 113 for searchable fields; HELP FORMAT 113 for output formats; HELP LIMIT 113 for limits; HELP RATES 113 for cost information; HELP SORT 113 for sorts.