

MRS Members Elect 1992 Officers, Councillors

In the yearly elections held this past September, MRS members elected eight colleagues to leadership positions in the MRS Council. Newly elected as MRS officers are First Vice President and President Elect, S. Thomas Picraux, Second Vice President John C. Bravman, and Secretary Lynn A. Boatner. The six newly elected Councillors include Aaron N. Bloch, R.P.H. Chang, Russell R. Chianelli, Robert Hull, Carol M. Jantzen, and Paul S. Peercy.

Previously elected First Vice President in 1991, G. Slade Cargill automatically becomes the 1992 MRS President. Also in 1992, Charles B. Duke continues as Treasurer in his two-year position, and 1991 President James B. Roberto serves as Immediate Past President.

1992 MRS Officers

President

G. Slade Cargill III (1992)
IBM T.J. Watson Research Center

Immediate Past President

James B. Roberto (1992)
Oak Ridge National Laboratory

First Vice President (President Elect)

* S. Thomas Picraux (1992)
Sandia National Laboratories

Second Vice President

* John C. Bravman (1992)
Stanford University

Secretary

* Lynn A. Boatner (1993)
Oak Ridge National Laboratory

Treasurer

Charles B. Duke (1992)
Xerox Webster Research Center

1992 MRS Councillors

John E.E. Baglin (1992)
IBM Almaden Research Center

* Aaron N. Bloch (1994)
Columbia University

* R.P.H. Chang (1994)
Northwestern University

* Russell R. Chianelli (1994)
Exxon Research and Engineering
Company

Mildred S. Dresselhaus (1992)
Massachusetts Institute of Technology

Gregory C. Farrington (1993)
University of Pennsylvania

J. Murray Gibson (1992)
University of Illinois-Urbana

* Robert Hull (1994)
AT&T Bell Laboratories

* Carol M. Jantzen (1994)
Westinghouse Savannah River
Company

Edward J. Kramer (1992)
Cornell University

* Paul S. Peercy (1994)
Sandia National Laboratories

Julia M. Phillips (1993)
AT&T Bell Laboratories

Rustum Roy (1993)
Pennsylvania State University

Frans Spaepen (1992)
Harvard University

Carl V. Thompson (1993)
Massachusetts Institute of Technology

* Newly Elected
(Term of office expires at end of year indicated in
parenthesis.)

MRS Establishes David Turnbull Lectureship

The Materials Research Society recently approved establishment of the David Turnbull Lectureship. This yearly award will recognize the career of a scientist who has made outstanding contributions to understanding materials phenomena and properties through research, writing, and lecturing, as exemplified by the life work of David Turnbull. The Lectureship will also be a means to provide lectures of exceptional quality and scientific significance for the MRS Fall Meeting as well as, possibly, MRS Section and University Chapter meetings.

The Turnbull Lecturer will receive a \$2,000 honorarium and a citation plaque. The award will include travel expenses to the MRS meeting at which the Turnbull Lecture is given and also additional funds to enable the recipient to speak as the Turnbull Lecturer for MRS Sections and University Chapters.

Plans are to name the first David Turnbull Lecturer at the 1992 MRS Fall Meeting and nominations are being accepted.

Rules and Eligibility

Nominations for the Turnbull Lecturer may be made for scientists and engineers

in all areas of materials science. The primary consideration in making the award is the nominee's career contribution to the fundamental understanding of materials phenomena and properties, through research, writing, and lecturing.

Nominees need not be members of the Materials Research Society, and nominees of any national origin or citizenship are eligible.

Current members of the MRS Awards Committee, MRS officers, and previous Turnbull Lecturers are not eligible.

Selection of the Turnbull Lecturer must be approved by the MRS Executive Committee with recommendation from the Awards Committee. The decision of the Executive Committee is final.

The Lectureship will not be awarded in absentia. The Lecture must be given within 12 months of the selection at an MRS Fall Meeting.

Nomination Procedure

A package containing the following is required:

1. A statement by the nominator supporting the candidate's suitability to be designated the Turnbull Lecturer, with re-


spect to the importance of the candidate's research contributions to the fundamental understanding of materials, quality of the candidate's writing and lectures, candidate's role in education and graduate training in materials research.

2. Supporting information and documents, e.g., curriculum vitae including a list of key publications.

3. Letters of support from established scientists familiar with the nominee's qualifications and area of research. Only three such letters will be accepted with each nomination. Each letter should make specific reference to the criteria listed in item 1.

4. A list of supporting documents submitted. The entire nomination package, excluding (p)reprints, should not exceed 12 pages.

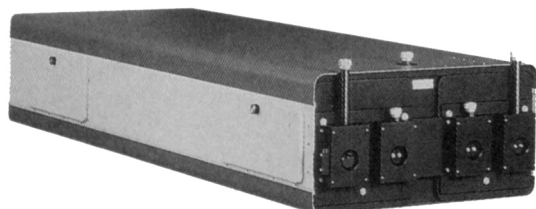
A nomination for a Turnbull Lectureship remains under consideration for three years, and it may be updated by the nominator during that time.

Nominations can be submitted to: John B. Ballance, Executive Director, Attention: Turnbull Lectureship (B), Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237. 



The DMDP 2000 SPECTROMETER

“An enabling technology for
Raman and Brillouin
Spectroscopy”



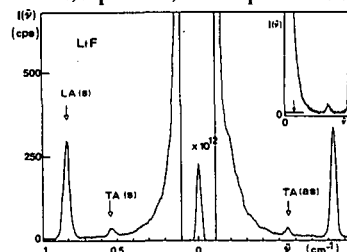
SOPRA's new DMDP 2000 high resolution spectrometer is a high performance two meter double-pass double monochromator.

The DMDP 2000 combines a resolution of 0.025 cm^{-1} and a contrast of 10^{-14} while utilizing the same sound engineering design for which SOPRA spectrometers are renowned. The resulting precision, flexibility, and stability truly put the DMDP 2000 in a class of its own.

The benefits of the DMDP 2000 can easily be recognised in a wide variety of spectroscopic techniques :

- Raman and micro-Raman spectroscopy
- Brillouin spectroscopy/acoustic mode analysis
- Fluorescence spectroscopy
- Emission spectroscopy

The DMDP 2000 is an enabling technology for the understanding of materials such as semiconductors, superlattices, HTC superconductors and diamond.



In order to get more information on the DMDP 2000, just fax or call :

North America
SOPRA Inc. : Tel. : (508) 263-25 20 - Fax : (508) 263-27 90
Japan
SEIKA Corp. : Tel. : (33) 346-83 11 - Fax : (33) 346-8314
Europe
SOPRA GmbH : Tel. : (06152) 5092 - Fax : (06152) 55201
SOPRA S.A. : Tel. : 47 81 09 49 - Fax : 42 42 29 34

D S R C

Circle No. 40 on Reader Service Card.

NEW FROM MRS—1991 Spring Meeting Proceedings

Amorphous Silicon Technology — 1991

Editors: A. Madan, Y. Hamakawa, M. Thompson,
P.C. Taylor, P.G. LeComber, 1991, 885 pgs.
ISBN: 1-55899-113-1 Volume 219B
\$57 MRS Members \$64 U.S. List \$71 Foreign

Silicon Molecular Beam Epitaxy

Editors: J.C. Bean, S. Iyer, K. Wang, 1991, 649 pgs.
ISBN: 1-55899-114-X Volume 220B
\$52 MRS Members \$59 U.S. List \$66 Foreign

Heteroepitaxy of Dissimilar Materials

Editors: R.F.C. Farrow, J.P. Harbison, P.S. Peercy,
A. Zangwill, 1991, 499 pgs.
ISBN: 1-55899-115-8 Volume 221B
\$56 MRS Members \$63 U.S. List \$68 Foreign

Atomic Layer Growth and Processing

Editors: T.F. Kuech, P.D. Dapkus, Y. Aoyagi, 1991,
359 pgs.
ISBN: 1-55899-116-6 Volume 222B
\$52 MRS Members \$59 U.S. List \$66 Foreign

Low Energy Ion Beam and Plasma Modification of Materials

Editors: J.M.E. Harper, K. Miyake, J.R. McNeil,
S.M. Gorbatskin, 1991, 397 pgs.
ISBN: 1-55899-117-4 Volume 223B
\$49 MRS Members \$56 U.S. List \$63 Foreign

Rapid Thermal and Integrated Processing

Editors: J.C. Gelpey, M.L. Green, J. Wortman,
R. Singh, 1991, 503 pgs.
ISBN: 1-55899-118-2 Volume 224B
\$53.00 MRS Members \$60 U.S. List \$67 Foreign

Materials Reliability Issues in Microelectronics

Editors: J.R. Lloyd, P.S. Ho, C.T. Sah, F. Yost, 1991,
359 pgs.
ISBN: 1-55899-119-0 Volume 225B
\$47 MRS Members \$54 U.S. List \$61 Foreign

Mechanical Behavior of Materials and Structures in Microelectronics

Editors: E. Suhir, R.C. Cammarata, D.D.L. Chung,
M. Jono, 1991, 454 pgs.
ISBN: 1-55899-120-4 Volume 226B
\$49 MRS Members \$56 U.S. List \$63 Foreign

Materials Science of High Temperature Polymers for Microelectronics

Editors: D.T. Grubb, I. Mita, D.Y. Yoon, 1991, 400 pgs.
ISBN: 1-55899-121-2 Volume 227B
\$52 MRS Members \$59 U.S. List \$64 Foreign

Materials for Optical Information Processing

Editors: C. Warde, J. Stamatoff, W. Wang
ISBN: 1-55899-122-0 Volume 228B
\$47 MRS Members \$54 U.S. List \$61 Foreign

Structure/Property Relationships for Metal/Metal Interfaces

Editors: A.D. Romig, D.E. Fowler, P.D. Bristowe, 1991,
357 pgs.
ISBN: 1-55899-123-9 Volume 229B
\$52 MRS Members \$59 U.S. List \$63 Foreign

Phase Transformation Kinetics in Thin Films

Editors: M. Chen, M. Thompson, R. Schwarz,
M. Libera
ISBN: 1-55899-124-7 Volume 230B
\$42 MRS Members \$49 U.S. List \$56 Foreign

Magnetic Thin Films, Multilayers and Surfaces

Editor: S.S.P. Parkin
ISBN: 1-55899-125-5 Volume 231B
\$47 MRS Members \$54 U.S. List \$60 Foreign

Magnetic Materials: Microstructure and Properties

Editors: T. Suzuki, Y. Sugita, B.M. Clemens, K. Ouchi,
D.E. Laughlin, 1991, 347 pgs.
ISBN: 1-55899-126-3 Volume 232B
\$47 MRS Members \$54 U.S. List \$60 Foreign

Synthesis/Characterization and Novel Applications of Molecular Sieve Materials

Editors: R.L. Bedard, T. Bein, M.E. Davis, J. Garces,
V.A. Maroni, G.D. Stucky, 1991, 303 pgs.
ISBN: 1-55899-127-1 Volume 233B
\$47 MRS Members \$54 U.S. List \$60 Foreign

Modern Perspectives on Thermoelectrics and Related Materials

Editors: D.D. Allred, C. Vining, G. Slack, 1991,
245 pgs.
ISBN: 1-55899-128-X Volume 234B
\$52 MRS Members \$59 U.S. List \$66 Foreign

Order from: Materials Research Society, 9800 McKnight Road, Pittsburgh, PA 15237; Phone (412) 367-3012, FAX (412) 367-4373.
In Europe, Africa and the Middle East: Clarke Associates—Europe Ltd., 13a Small Street, Bristol BS1 1DE, England, Phone 0272 268864; FAX: 0272 226437.

910011/910043B