

MATERIALS RESEARCH SOCIETY

2005

MAILING LIST RENTAL
OPPORTUNITIES

APPLICATIONS
PROPERTIES
CHARACTERIZATION
PROCESSING

MRS

A Community of Scientific Possibility

MATERIALS RESEARCH SOCIETY...

A Community of Scientific Possibility

Founded in 1973, the Materials Research Society is an organization of materials researchers from academia, industry and government that promotes communication for the advancement of interdisciplinary materials research to improve the quality of life. MRS represents more than 13,000 materials science and engineering professionals in the United States and nearly 50 other countries who are working towards fundamental breakthroughs in materials of technological importance.

The primary objective of the Society is service to its members and to the community of researchers in the science and engineering of modern materials.

MRS encourages communication and technical exchange across various fields of science affecting materials development, and actively seeks out pioneering research in these areas to bring them to the prompt attention of the scientific community.

Efforts to facilitate this exchange of ideas are reflected in the Materials Research Society's high-quality symposia, a variety of recognized publications,

University Chapters and regional sections, cooperative undertakings with other societies and international affiliates, and through the MRS Web site, a one-stop source for the latest news and information from the field of materials. As we move forward, MRS will continue to play an important role in fostering interdisciplinary materials science while at the same time forging ahead toward progress on issues of national and international importance.

"We have been using the MRS list for many years to promote our polymer/materials courses. The MRS list has withstood the test of time and continues to pull well for our seminars. We also appreciate the excellent, prompt and friendly service that MRS always provides."

Lori Betsock
Senior Marketing Associate
American Chemical Society
Washington, DC

MRS MAILING LISTS...

Excellence in Information

The Materials Research Society (MRS) maintains an extensive database of over 100,000 key scientists, engineers and research managers who are active in forefront areas of materials research and technology.

MRS mailing lists are available by four main categories and each of these is further divided into more specific topical categories. Select one main category or topical category, or tailor a combination of lists to meet your particular needs. With MRS mailing lists you can target your message, test your ideas and measure your response. And that means maximum results for your direct-mail dollar.

MRS mailing list services also include the rental of E-mail addresses. From showcasing new products and services to announcing upcoming conferences and promoting introductory subscription offers, this unique service provides timely access to a target audience of materials science and engineering professionals from around the world. No matter what your market...no matter what product or service you provide...MRS mailing lists accurately target your best prospects and turn them into customers.

Visit the MRS Web site for periodic updates and discover why MRS is the only source of mailing lists you'll need.

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MAILING LIST RENTAL CATEGORIES

A. MATERIALS BY APPLICATION

In this section, names of scientists and engineers are sorted according to the application areas, or industries, to which their work is most pertinent. For example, work in either thin film metallizations or chemical vapor deposition would be included in Category A1.22a, Microelectronics.

	U.S.	Non-U.S.	Total
A1.22 Electronics & Photonics	6,990	8,285	15,275
a. Microelectronics	2,831	2,844	5,675
b. Optoelectronics	2,181	3,020	5,201
c. Photovoltaics	2,530	3,272	5,802
d. Lithography	1,300	1,117	2,417
e. Packaging	2,526	1,524	4,050
f. Microelectromechanical	2,867	2,582	5,449
g. Photonics	2,667	2,905	5,572
A2.22 Optical Materials	1,019	891	1,910
a. Glass	141	57	198
b. Polymer	1,019	891	1,910
A3.22 Sensors	3,168	4,645	7,813
a. Optical	929	919	1,848
b. Chemical	2,345	3,541	5,886
c. Biological	1,893	2,042	3,935
A4.22 Information Storage	1,111	1,431	2,542
a. Optical	496	380	876
b. Magnetic	769	1,244	2,013
A5.22 Waste Management	546	743	1,289
a. Nuclear	452	637	1,089
b. Chemical	159	268	427
c. Coal & conversion	44	43	87
A6.22 Catalysis	1,396	1,684	3,080
A7.22 Structural Materials	1,230	1,203	2,433
a. Cements	185	132	317
b. Ceramics	556	703	1,259
c. Metals	1,223	1,126	2,349
A8.22 Tribological	1,740	1,690	3,430
A9.22 High Temperature Materials	1,026	2,392	3,418
a. Alloys	163	531	694
b. Semiconductors	938	1,904	2,842
A10.22 Biomedical	2,827	2,388	5,215
A11.22 Geological	1,112	3,458	4,570
A12.22 Displays	2,651	3,046	5,697

B. MATERIALS BY PROPERTIES

Materials research and development frequently focuses on specific groups of materials because they have a particular property of high technological value. The names in this section have been cataloged by the individual's interest in special materials properties that are commonly covered in MRS meetings and publications.

	U.S.	Non-U.S.	Total
B1.22 Superconductors	988	1,131	2,119
B2.22 Metals	2,615	2,513	5,128
a. Thin film metallization	2,024	1,359	3,383
b. Mechanical properties	889	1,329	2,218
B3.22 Semiconductors	4,348	6,312	10,660
a. Si-crystalline	2,130	2,830	4,960
b. Si-amorphous	540	823	1,363
c. II-VI	1,028	2,202	3,230
d. III-V	2,684	3,214	5,898
e. Other	3,130	3,534	6,664
B4.22 Ceramics	4,254	5,139	9,393
a. Optical properties	923	960	1,883
b. Electrical properties	3,701	4,445	8,146
c. Mechanical properties	953	1,198	2,151
B5.22 Polymers/Organics	5,123	4,350	9,473
a. Optical properties	2,171	2,647	4,818
b. Mechanical properties	567	857	1,424
c. Electrical properties	1,630	1,310	2,940
B6.22 Composites & Interfaces	6,842	4,741	11,583
a. Metal matrix	793	675	1,468
b. Ceramic matrix	634	660	1,294
c. Polymer matrix	904	980	1,884
d. Metal/semiconductor	872	741	1,613
e. Metal/ceramic	484	440	924
f. Metal/polymer	579	1,130	1,709
g. Dielectric/semiconductor	1,218	1,307	2,525
h. Semiconductor/semiconductor	2,040	1,021	3,061
B7.22 Magnetic	2,547	3,516	6,063
B8.22 Hydrogenated	661	1,385	2,046
B9.22 Porous/Gel/Cellular	1,582	1,599	3,181
B10.22 Nanoscale	4,888	5,518	10,406
B11.22 Fullerenes	787	757	1,544

C. MATERIALS CHARACTERIZATION

The categories in this section relate to the techniques by which materials are characterized. Individuals included in these categories have a special interest in the characterization methods and related instrumentation.

	U.S.	Non-U.S.	Total
C2.22 Microstructure	3,303	4,073	7,376
a. Electron microscopy	1,467	2,039	3,506
b. Diffraction & scattering	1,470	1,934	3,404
c. SPM	2,566	2,851	5,417
C3.22 Chemical Composition	1,419	2,032	3,451
a. Surface analysis	1,240	1,727	2,967
b. Near-surface analysis	201	302	503
c. Bulk analysis	323	545	868
d. Gas phase	90	144	234
C4.22 Electrical Properties	2,815	3,555	6,370
a. Semiconductor defects	1,663	2,068	3,731
b. Devices	2,204	2,395	4,599
C5.22 Mechanical Properties	1,942	1,888	3,830
C6.22 Modeling	4,463	3,954	8,417
a. Atomic scale	3,107	3,212	6,319
b. Plasmas	280	212	492
c. Phase transformations	404	301	705
d. Fractals	3	1	4
e. Nucleation & growth	1,129	823	1,952
f. Materials processing	2,201	1,365	3,566
C7.22 Aging & Degradation	4,730	6,866	11,596
C8.22 Optical Properties	3,223	4,434	7,657

D. MATERIALS PROCESSING

This section deals with many of the techniques for producing materials. This includes both the chemical synthesis of materials and the means of transforming materials from one form to a more technologically useful form. Names in this category have a special interest in the processing techniques and the related instrumentation.

	U.S.	Non-U.S.	Total
D2.22 Film Deposition	2,044	2,828	4,872
a. Chemical vapor	1,131	1,305	2,436
b. Physical	1,165	1,860	3,025
c. Assisted by laser or ion beam	464	483	947
d. Plasma enhanced CVD	132	177	309
e. Liquid phase	3	1	4
f. Sol-gel	490	765	1,255
D3.22 Etching	1,815	1,638	3,453
a. Plasma	118	95	213
b. Lithography	1,705	1,546	3,251
D4.22 Ion Implantation	945	1,331	2,276
D5.22 Rapid Processing	1,197	1,321	2,518
a. Rapid thermal processing	364	435	799
b. Laser annealing	888	1,020	1,908
c. Rapid solidification	331	301	632
d. Rapid fabrication	822	737	1,559
e. Ultrafast Laser	91	68	159
D6.22 Thermal Diffusion	1,232	1,224	2,456
D7.22 Powders	940	688	1,628
D8.22 Spray	78	34	112
D9.22 Microwave	178	186	364
D10.22 Reduced Gravity	405	140	545
D11.22 Self-Assembly	3,777	3,503	7,280

“By working with the MRS team, we were able to secure both mail and e-mail lists for our target markets. The conference marketing was a success and I owe a lot to the MRS team who went above and beyond the call of duty to help get things done.”

Jennifer Honig
Executive Director
Corporate Communications
Plextronics, Inc.
Pittsburgh, PA

MAILING LIST RENTAL PROCEDURE

Materials Research Society mailing lists are available for rent for one-time use with each order. MRS reserves the right to deny requests which are intended for mailings in conflict with its programs, principles or other interests.

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- All transmissions must be completed through MRS
 - Test e-mail will be sent to requester prior to message being released
- Provide due date and shipping and billing address

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MAILING LIST ORDER PROCEDURE

SELECT CATEGORIES

- Use the corresponding alphabetic and numeric code to place your order (for example, "B1.22" for Superconductors or "B6.22a" for Metal Matrix Composites, etc.)

SELECT GEOGRAPHIC AREA

- U.S. names comprise about 50% of the list
- Lists will be sorted by zip code within the U.S. and in alphabetical order by country for non-U.S.

CHOOSE FORMAT

- **Electronic:** Clean and speedy transmission of data in ASCII format via e-mail. Electronic file will only be transferred to a bonded mailing service.
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TECHNICAL CONSULTANT

Dr. G.E. Pike