

contained here can also be found in other textbooks of colloid chemistry or electrochemistry. Nevertheless, it is useful to have these fundamentals, which are essential to the theoretical understanding of dispersions, collected together in a compact form, and the book fulfills this requirement to a large extent. There is a small disadvantage arising from the fact that the individual chapters have been written by differ-

ent authors; this means that one often finds repetitions of material which is not strictly necessary for the understanding of the discussion.

Heinz Hoffmann
Physikalische Chemie I
Universität Bayreuth (FRG)

Conference Calendar

May 1989

- 16-19 **Materials Science and Technology**
Annu. Mtg. Dtsch. Gesellsch. Metallkd.
Karlsruhe (Fed. Rep. Germany)
Contact: Dtsch. Gesellsch. Metallkd., Adenauerallee 21, D-6370 Oberursel, FRG
- 16-19 **Rare-Earth Magnets and Their Applications**
10th Int. Workshop
Kyoto (Japan)
Contact: Dr. C. Herget, Sparte Anorg. Chemie, Th. Goldschmidt AG, P.O. Box 101461, D-4300 Essen 1, FRG
- 22-23 **Biosensors**
Int. Workshop
Braunschweig-Stöckheim (Fed. Rep. Germany)
Contact: Prof. R. Schmid, GBF-Bereich ETN, Mascheroder Weg 1, D-3300 Braunschweig, FRG
- 22-24 **Sol-Gel-Glasses**
52nd WE-Heraeus-Seminar
Bad Honnef (Fed. Rep. Germany)
Contact: Dr. V. Schäfer, WE-Heraeus-Stift., Heraeusstr. 12-14, D-6450 Hanau, FRG
- 22-24 **Materials Analysis**
Vienna (Austria)
Contact: Prof. Dr. M. Grassbauer, Inst. für Analytische Chem. der Techn. Univ. Wien, Getreidemarkt 9, A-1060 Wien, Austria

- 22-24 **Glass Technology**
Stuttgart (Fed. Rep. Germany)
Contact: Dtsch. Glastechn. Gesellsch., Mendelssohnstr. 75-77, D-6000 Frankfurt am Main, FRG



- 22-24 **Reinforced Plastics**
Int. Conf.
Mainz (Fed. Rep. Germany)
Contact: Dr. J.-P. Schik, Arbeitsgemeinschaft Verstärkte Kunststoffe, Am Hauptbahnhof 12, D-6000 Frankfurt am Main, FRG, Tel. (069) 27105-34, Fax (069) 23 2799

- 22-25 **Clustering and Aggregated State of Matter**
Strasbourg (France)
Contact: Prof. E. Constantin, Groupe de Recherche de Spectrométrie de Masse Interlab., Dept. de Chim., 1 rue Blaise Pascal, 67008 Strasbourg Cedex, France

- 22-25 **Graphite Intercalation Compounds**
5th Int. Symp. (ISGIC-5)
Berlin (West)
Contact: Dr. F. W. Froben, Fachbereich Physik, Freie Univ. Berlin, Arnimallee 14, D-1000 Berlin 33

- 23-25 **High- T_c Superconductivity**
Workshop
Alabama (USA)
Contact: Dr. F. Madarasz, Center for Appl. Optics, Univ. of Alabama, Huntsville, AL 35899, USA, Tel. 205/895-6030, Fax 205/895-6618

- 24-26 **Stabilization and Controlled Degradation of Polymers**
11th Int. Conf.
Lucerne (Switzerland)
Contact: Dr. A. V. Patsis, Inst. in Materials Sci, State Univ. of New York, New Paltz, NY 12561, USA

- 25-26 **Quantitative Methods in Assessment of Structural Defects**
Kansas City (USA)
Contact: A. P. Berens, Univ. of Dayton, Research Inst., 300 College Park Ave., Dayton, OH 45469, USA

- 29-30 **TriboCeram 89**
2. Fachsymp.
Frankfurt (Fed. Rep. Germany)
Contact: TCI
Techn. + Kommunik. Verlags-GmbH, Tagungssekretariat, Ritterfelddamm 82 h + i, 1000 Berlin 22, Tel. 030/3 65 36 40, Fax 030/3 65 88 40
- 29-31 **Cross-linked Polymers**
3rd Int. Conf.
Lucerne (Switzerland)
Contact: Dr. A. V. Patsis, Inst. in Materials Sci., State Univ. of New York, New Paltz, NY 12561, USA
- 30-2 **E-MRS Spring Mtg.**
Strasbourg (France)
Contact: P. Siffert, Ctr. de Recherches Nucléaire, Lab. PHASE, F-67037 Strasbourg, Cedex, France
- 31-2 **Applied Surface Analysis**
11th Symp.
Cleveland (USA)
Contact: J. Grant, Research Inst., 300 College Park, Dayton, OH 45469-0001, USA
- 31-2 **Thermogravimetry and Thermal Engineering**
6th Biennial Conf.
Budapest (Hungary)
Contact: I. Benko, MATE, House of Technol. III 318, P.O. Box 451, H-1372 Budapest, Hungary
- June 1989**
- 5-6 **Test Methods for Composite Materials**
Seminar
Basel (Switzerland)
Contact: Technomic Publishing AG, Elisabethenstr. 15, CH-4051 Basel, Switzerland, Tel. 061/23 70 11, Fax 061/23 39 78
- 5-7 **CONIMAT '89**
1st Int. Convention for the Technology Transfer of New Materials
Strasbourg (France)
- Contact: Adhesion Et Associes-CONIMAT', 9, rue de L'Ancienne Mairie, 92100 Boulogne, France, Tel. 48 25 26 04, Fax 46 03 86 26
- 6-9 **Chemistry of Functional Dyes**
Int. Symp. (ESTech '89)
Osaka (Japan)
Contact: Prof. T. Kitao, General Secretary of the Symp., Kinki Chem. Soc., Japan 1-8-4, Utsubo honmachi, Nishi-ku, Osaka 550, Japan
- 7-8 **Micromechanical Analysis of Composite Materials**
Seminar
Basel (Switzerland)
Contact: Technomic Publishing AG, Elisabethenstr. 15, CH-4051 Basel, Switzerland, Tel. 061/23 70 11, Fax 061/23 39 78
- 7-9 **Hot Isostatic Pressing**
2nd Int. Conf.
Gaithersburg (MD, USA)
Contact: Robert Schaefer, A 153 Materials Building, NIST, Gaithersburg, MD 20899, USA
- 12-15 **Narrow-Gap Semiconductors and Related Materials**
Int. Conf.
Ogunquit (USA)
Contact: D. G. Seiler, Phys. Dept., Univ. of North Texas, P.O. Box 5368, Denton, TX 76203, USA
- 12-16 **Advanced Materials Chemistry Conf.**
St. Augustine (FL, USA)
Contact: Prof. R. S. Drago, Dept. of Chem., Univ. of Florida, Gainesville, FL 32611, USA
- 13-14 **Nonlinear Optical Polymers for Soldier Survivability**
Science Symp.
Natick (USA)
Contact: Th. Sklarsky, US Army Natick RD + E Center, Attn: STRNC-EMP, Natick, MA 01760-5014, USA, Tel. 508-651-4687
- 18-21 **Colloid & Surface Science**
63rd ACS Div. of Colloid & Surface Chem. Symp.
Seattle (USA)
Contact: J. Berg, Dept. of Chemical Eng. BF-10, Univ. of Washington, Seattle, WA 98105, USA
- 18-23 **Ceramic Materials and Production Methods**
1st Conf. of the Eur. Ceramic Soc. and Fair
Maastricht (Netherlands)
Contact: Mrs. L. M. J. Bos, P.O. Box 1630, 6201 BP Maastricht, Netherlands
- 19-21 **Composites**
Asia-Pacific 89
Adelaide (Australia)
Contact: The Secretariat, Techsearch, Composites Asia-Pacific '89, P.O. Box 2471, Adelaide S.A. 5001, Australia
- 20-22 **SAMPE**
3rd Int. Electronics Conf.
Los Angeles (USA)
Contact: M. Smith, Business Director, SAMPE, P.O. Box 2459, Covina, CA 91722, USA, Tel. 818-331-0616
- 21-23 **Chemically Modified Surfaces**
Midland (USA)
Contact: W. T. Collins, Dow Corning Corp., Mail Stop C41C00, Midland, MI 48686, USA
- 21-23 **Electronic Materials**
Cambridge (USA)
Contact: The Metallurgical Soc., 420 Commonwealth Dr., Warrendale, PA 15086, USA
- 22-25 **Optics Asia '89**
Singapore (Singapore)
Contact: Asia '89, 994 Bendemeer Rd., N° 04-03, Singapore 1233, Singapore
- 25-29 **Composite Materials for High Temperature, Fundamental Principles and Performance**
Jerusalem (Israel)
Contact: Mrs. S. Cahana, Ministry of Sci. and Developm., P.O. Box 18195, 91181 Jerusalem, Israel

- 25-30 **Solid State Sensors and Actuators (Transducers-5)/ Eurosensors III**
Montreux (Switzerland)
Contact: COMST S.A., P.O. Box 415, CH-1001 Lausanne 1, Switzerland
- 26-28 **Molecular Design of Functional Polymers**
IUPAC Int. Symp.
Seoul (Korea)
Contact: IUPAC Int. Symp., c/o Polymer Soc. of Korea, Rm. 601, Hyecheon Bldg., 831 Yeoksam-dong, Kangnam-ku, Seoul 135-792, Korea
- 26-28 **Coherence and Quantum Optics**
Conf.
Rochester (USA)
Contact: L. Mandel, Univ. of Rochester, Dept. of Physics, Rochester, NY 14627, USA, Tel. 716-275-4361
- 26-30 **Solid State Chemistry**
2nd Int. Symp.
Pardubice (Czechoslovakia)
Contact: Dr. L. Koudelka, Inst. of Chem. Technol., Leninovo nam., 565, CS-53210 Pardubice, Czechoslovakia
- 26-30 **Supermembranes**
Trieste (Italy)
Contact: Int. Ctr. for Theoretical Physics, P.O. Box 586, I-34100 Trieste, Italy
- 27-28 **Polymer Latex III**
London (United Kingdom)
Contact: Miss M. Peacock, Plastics and Rubber Inst., 11 Hobart Place, London SW1W 0HL, UK
- 28-30 **Chemically Modified Oxide Surfaces**
Midland (USA)
Contact: W. T. Collins, Mail Stop C41C00, Dow Corning Corp., Midland, MI 48686-0994, USA

Materials Related Gordon Research Conferences

General Information

Contact: Dr. A. M. Cruickshank, Director, Gordon Research Conf., Gordon Res. Ctr., Univ. of Rhode Island, Kingston, RI 02881-0801, USA
Locations: Colby-Sawyer College (N), (S): New London, NH;
New Hampton School: New Hampton, NH;
Kimball Union Academy: Meriden, NH;
Tilton School: Tilton, NH

June 1989

- 19-23 **Catalysis**
Colby-Sawyer College (N)
Chairman: L. D. Schmidt
- 26-30 **Polymers**
Colby-Sawyer College (N)
Chairman: J. P. Kennedy

- 17-21 **Corrosion**
Colby-Sawyer College (N)
Chairman: H. J. Grabke
- 17-21 **Chemistry at Interfaces**
Kimball Union Academy
Chairman: R. Johnson
- 17-21 **Superconducting Films**
Tilton School
Chairman: D. Gubser
- 31-4 **Ion-Containing Polymers**
Colby-Sawyer College (S)
Chairman: G. Wilkes

July 1989

- 3-7 **Fiber Science**
Colby-Sawyer College (N)
Chairman: B. C. Goswami
- 3-7 **Thermosetting Polymers**
Colby-Sawyer College (S)
Chairman: N. J. Johnston
- 10-14 **Elastomers**
Colby-Sawyer College (N)
Chairman: G. Ver Strate
- 10-14 **Metal Hydrides**
Tilton School
Chairman: F. D. Manchester

August 1989

- 7-11 **Physical Metallurgy**
Tilton School
Chairman: J. C. Williams
- 14-18 **Studies in Solid-State Ceramics**
Colby-Sawyer College
Chairman: U. Chowdhry
- 14-18 **Science of Adhesion**
New Hampton School
Chairman: R. A. Pike

July 1989

- 2-7 **Solid State Organic Materials**
9th Int. Conf.
Como (Italy)
Contact: Centro di Cultura Scientifica, "A. Volta", Villa Olmo, Via Cantoni 1, I-22100 Como, Italy
- 3-6 **Conduction and Breakdown in Solid Dielectrics**
3rd Int. Conf. (ICSD '89)
Trondheim (Norway)
Contact: Prof. Sletbak, ICSD '89, The Norwegian Inst. of Technol., Sem Sælends V 13, N-7034 Trondheim, Norway
- 3-7 **Martensitic Transformations**
Int. Conf. ICOMAT-89
Sydney (Australia)
Contact: N. Kennon, Dept. of Metallurgy and Materials Eng., Univ. of Wollongong, Wollongong, NSW 2500, Australia
- 3-8 **Light-Sensitive and Conducting Polymers**
Leipzig (German Dem. Rep.)
Contact: Prof. H. K. Roth, TH Leipzig, Sek. Naturwissenschaften, P.O. Box 66, DDR-7030 Leipzig, GDR

- 3–28 **Liquids, Freezing and the Glass Transition**
NATO Adv. Study Inst.
Les Houches (France)
Contact: École d'Été de Physique Théorique, F-74310 Les Houches, France
- 4–7 **Nonlinear and Electro-Optics**
Int. Conf.
Cambridge (United Kingdom)
Contact: The Meetings Officer, The Inst. of Physics, 47 Belgrave Square, London SW1X 8QX, UK
- 9–14 **Scanning Tunneling Microscopy/Spectroscopy**
4th Int. Conf.
Oarai (Japan)
Contact: O. Nishikawa, The Graduate School of Nagatsuta, Tokyo Inst. of Technol., 4259 Nagatsuta, Midori-ku, Yokohama 227, Japan
- 9–14 **Zeolites**
8th Int. Conf.
Amsterdam (Netherlands)
Contact: M. Laboussere, 792 Keizersgracht, 1017 EC, Amsterdam, The Netherlands
- 10 **Bonding and Repair of Composite Materials**
Birmingham (United Kingdom)
Contact: John Herriot, Butterworth, P.O. Box 63, Westbury House, Bury St., Guildford GU2 5BH, UK
- 10–12 **Appl. Organomet. Chem.: an Entry to the New Technology**
The Pines Resort (Australia)
Contact: Dr. A. F. Masters, School of Chemistry, Univ. of Sydney, Sydney, N.S.W. 2006, Australia
- 10–13 **Magnetic Resonance in Polymers**
9th Spec. Colloq. Ámpere
Prague (Czechoslovakia)
Contact: P. M. M. Secretariat, c/o. Inst. of Macromol. Chem., Czech. Acad. of Sci., 16206 Prague, Czechoslovakia
- 10–14 **Ion Sources**
Int. Conf.
Berkeley (USA)
- Contact: W. O'Connor, Lawrence Berkeley Lab., 50B-2270, Berkeley, CA 94720, USA, Tel. 415-486-6386, Fax 415-486-7000
- 10–14 **Electron Spectroscopy**
4th Int. Conf.
Honolulu (USA)
Contact: G. E. McGuire, Microelectronics Ctr. of North Carolina, P.O. Box 12889, Research Triangle Park, NC 27709, USA
- 10–14 **Organic Coatings Science and Technology**
15th Int. Conf.
Athens (Greece)
Contact: Dr. A. V. Patsis, Inst. in Materials Sci., State Univ. of New York, New Paltz, NY 12561, USA
- 11–14 **Numerical Analysis of Semiconductor Devices and Integrated Circuits**
6th Int. Conf.
Dublin (Ireland)
Contact: J. J. H. Miller, Nase-Code Conf., INCA, P.O. Box 2, Dún Laoghaire, Ireland
- 12–14 **Solid-State Laser/Optical Fiber Science and Electromagnetic Theory '89**
Top. Mtg./Sino-Japanese Joint Mtg.
Beijing (People's Rep. China)
Contact: Optical Soc. of America (OSA), 1816 Jefferson Pl. NW, Washington, DC 20036, USA
- 16–21 **Catalysis**
Eur. Conf.
Berlin (West)
Contact: Prof. G. Ertl, Fritz-Haber-Inst. der Max-Planck-Gesellsch., Faradayweg 4–6, D-1000 Berlin
- 17–20 **Polymer Blends**
Prague (Czechoslovakia)
Contact: P. M. M. Secretariat, c/o. Inst. of Macromol. Chem., Czech. Acad. of Sci., 16206 Prague, Czechoslovakia
- 18–20 **Polymer Chemistry: Aspects of Radical Polymerization**
Lancaster (United Kingdom)
- Contact: Dr. J. R. Ebdon, Dept. of Chemistry, Univ. of Lancaster, Lancaster LA1 4YA, UK
- 18–21 **Integrated Optics and Optical Fiber Communications**
7th Int. Conf. (IOOC-7)
Kobe (Japan)
Contact: P. W. Shumate, Jr., Bell Communications Research, 435 S St., Morristown, NJ 07960, USA
- 23–24 **Computer-Aided Materials Characterization**
Int. Symp.
Charlotte (USA)
Contact: R. Biederman, Worcester Polytechn. Inst., Worcester, MA 01609, USA, Tel. 508-831-5453/5346
- 23–28 **Materials and Mechanisms of Superconductivity: High- T_c Superconductors**
Int. Conf. (HTSC-M²S)
Stanford (USA)
Contact: Dr. T. H. Geballe, Dept. of Applied Phys., Stanford Univ., Stanford, CA 94305, USA
- 24–26 **Micro-Optics/Gradient-Index Optical Imaging Systems**
2nd Conf./8th Top. Mtg.
Tokyo (Japan)
Contact: K. Iga, Tokyo Inst. of Technol., Research Lab. of Precision Machinery and Electronics, 4259 Nagatsuta, Midori-ku, Yokohama 227, Japan
- 24–26 **Composite Structures**
5th Int. Conf.
Paisley (United Kingdom)
Contact: Dr. I. H. Marshall, Dept. of Mechanical and Production Eng., Paisley College of Technol., High St., Paisley PA 12BE, UK
- 25–26 **Computer-Aided Microscopy and Quality Control**
Int. Conf.
Charlotte (USA)
Contact: J. Braun, EG + G Mound Appl. Technologies, Miamisburg, OH 45343-0987, USA, Tel. 513-865-3829

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|---|---|--|
| <p>31-2 Biologically-Engineered Polymers
Cambridge (United Kingdom)
Contact: Royal Soc. of Chemistry, Burlington House, London W1V 0BN, UK</p> | <p>14-18 Hopping Transport
8th Conf.
Chapel Hill (USA)
Contact: M. Pollak, Dept. of Phys., Univ. of California, Riverside, CA 92521, USA</p> | <p>21-25 Phonons 89
Heidelberg (Fed. Rep. Germany)
Contact: Inst. f. Angew. Physik II, Univ. of Heidelberg, Albert-Überle-Str. 3-5, D-6900 Heidelberg, FRG.</p> |
| <p>31-3 Photoacoustic and Photothermal Phenomena
6th Int. Mtg.
Baltimore (USA)
Contact: J. Murphy, Johns Hopkins Appl. Physics Lab., Johns Hopkins Rd., Laurel, MD 20707, USA, Tel. 301-953-6214</p> | <p>16-18 Properties Through Processing
Amherst (USA)
Contact: H. H. Winter, Dept. Chem. Eng., Univ. of Massachusetts, Amherst, MA 01003, USA</p> | <p>21-26 Photochemistry
Int. Conf.
Beijing (People's Rep. China)
Contact: Prof. S. Wu, Inst. of Photographic Chem., Academia Sinica, Beijing, People's Rep. China</p> |
| <hr/> <p>August 1989</p> <hr/> | | |
| <p>2-7 Pure and Applied Chemistry
32nd IUPAC Congr.
Stockholm (Sweden)
Contact: Stockholm Convention Bureau, P.O. Box 6911, S-10239 Stockholm, Sweden</p> | <p>20-24 Imaging Systems—150 Years of Photography
Int. Symp. (ISIS '89)
Dresden (German Dem. Rep.)
Contact: Conf. Secretary, ISIS '89, Technische Univ. Dresden, Sektion Physik, Wissenschaftsbereich Photophysik, Mommsenstr. 13, DDR-8027 Dresden, GDR</p> | <p>27-1 Supramolecular Organic Chemistry and Photochemistry Workshop
Saarbrücken (Fed. Rep. Germany)
Contact: Prof. Dr. H.-J. Schneider, FR Organ. Chem., Univ. des Saarlandes, D-6600 Saarbrücken, FRG</p> |
| <p>13-26 High-T_c Superconductors
NATO Adv. Study Inst.
Bad Windsheim (Fed. Rep. Germany)
Contact: R. Kossowsky, Applied Res. Lab., Pennsylvania State Univ., P.O. Box 30, State College, PA 16804, USA</p> | <p>20-25 Crystal Growth: Progress in Science and Technology
9th Int. Conf.
Sendai (Japan)
Contact: Prof. T. Nishinaga, Inter Group Corp., Akasaka Yamakatsu Bldg., 8-5-32, Akasaka Minato-ku, Tokyo 107, Japan</p> | <p>28-31 Dynamical Processes in Excited States of Solids
7th Int. Conf. (DPC '89)
Athens (USA)
Contact: DPC '89, Prof. J. E. Rives, Dept. of Physics and Astronomy, Univ. of Georgia, Athens, GA 30602, USA</p> |
| <p>14-17 Shock Compression of Condensed Matter
APS Top. Conf.
Albuquerque (USA)
Contact: A. Roach, MS-P 915, Los Alamos Nat. Lab., Los Alamos, NM 87545, USA</p> | <p>21-24 Amorphous and Liquid Semiconductors
13th Int. Conf.
Asheville (USA)
Contact: D. E. Sayers, P.O. Box 8202, North Carolina State Univ., Raleigh, NC 27695-8202, USA</p> | <p>28-1 Surface Modification Technologies
3rd Int. Conf.
Neuchâtel (Switzerland)
Contact: The Metallurgical Soc., 420 Commonwealth Dr., Warrendale, PA 15086, USA, Tel. 412-776-9050</p> |

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