

Conference Calendar

October 1988

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| <p>11-15 Advanced Materials Injection Moulding and Applications
Int. Conf.
Helsinki (Finland)
Contact: Mr. Aro/Ms. Hänninen, Eur. Adv. Mater. Inst., Reumantic 4, SF-18100 Heinola, Finland</p> | <p>16-18 Superconductors in Magnetics Commercialization,
Workshop
San Francisco (USA)
Contact: Advantage Quest, 1110 Sunnyvale, Saratoga Rd., Suite C2, Sunnyvale, CA 94087-2515, USA</p> | <p>19-21 Raw Materials for New Technologies,
5th Int. Symp. on Mineral Resources
Hannover (Fed. Rep. Germany)
Contact: Dr. Arnt Müller, Bundesanstalt für Geowissenschaften und Rohstoffe, Postfach 510153, D-3000 Hannover 51, FRG</p> |
| <p>12-14 Ceramic Powder Processing Science,
2nd Int. Conf.
Berchtesgaden (Fed. Rep. Germany)
Contact: Dtsch. Keram. Gesellschaft, Postfach 1226, D-5340 Bad Honnef 1, FRG</p> | <p>17-18 Characterization of Polymers
Univ. Park (USA)
Contact: J. W. Gilmer, 325 Steidle Bldg., Penn. State Univ., Univ. Park, PA 16802, USA</p> | <p>21-23 Hydrogenated Amorphous Silicon Devices and Technology
Yorktown Heights (USA)
Contact: J. Kanicki, IBM T. J. Watson Research Ctr., P.O. Box 218, Yorktown Heights, NY 10598, USA</p> |
| <p>12-14 Electrochemistry and Electronics
Basel (Switzerland)
Contact: Dr. W.-D. Luz, Metallgesellschaft AG, D-6000 Frankfurt am Main 1, FRG</p> | <p>18-19 Materials Futures: Strategies and Opportunities,
US-Sweden Joint Symp.
Philadelphia (USA)
Contact: US-Sweden Joint Symp., c/o College of Eng., Univ. of Delaware, Newark, DE 19716, USA</p> | <p>21-24 Functional and Fine Polymers,
XISFFP Xian Int. Symp.
Xian (People's Rep. China)
Contact: Prof. Hua Zhao, Xian Modern Chemistry Research Inst., P.O. Box 18, Xian, People's Rep. of China</p> |
| <p>12-14 Biological and Synthetic Membranes,
Int. Symp.
Lexington (USA)
Contact: D. Allan Butterfield, Ctr. of Membranes Sci., 12 Bradley Hall, Univ. of Kentucky, Lexington, KY 40506-0058, USA</p> | <p>18-20 Industrial and Scientific Use of Lasers,
Conf. and Exhibition
Brighton (United Kingdom)
Contact: G. Dawson, Adelphi Mill, Vullington, Macclesfield, Cheshire SK 105JB, UK</p> | <p>23-26 Nonlinear Optical Materials,
Symp. of the Am. Ceramic Soc.
San Francisco (USA)
Contact: E. M. Vogel, Bellcore, 3Z-283, 331 Newmann Springs Rd., Red Bank, NJ 07701, USA</p> |
| <p>13-14 Laser-Materialbearbeitung,
Eur. Conf.
Bad Nauheim (Fed. Rep. Germany)
Contact: Dtsch. Verband für Schweißtechnik e.V., Postfach 2725, D-4000 Düsseldorf 1, FRG</p> | <p>18-20 Deutsche Keramische Gesellschaft,
Annu. Congr.
Munich (Fed. Rep. Germany)
Contact: Dtsch. Keram. Gesellschaft, Postfach 1226, D-5340 Bad Honnef 1, FRG</p> | <p>23-26 Combustion and Plasma Synthesis of High-Temperature Materials,
Int. Symp.
San Francisco (USA)
Contact: Dr. J. B. Holt, Lawrence Livermore Natl. Lab., P.O. Box 808, L-369, Livermore, CA 94550, USA</p> |
| <p>13-15 Berliner Polymeren-Tage 1988
Berlin
Contact: Bundesanstalt für Materialforschung und -prüfung (BAM), Abt. 3 - Organische Stoffe, Unter den Eichen 87, D-1000 Berlin 45, FRG</p> | <p>18-21 Schichtsysteme für neuartige Bauelemente der Mikro-, Opto-, Bioelektronik und Optik
Karl-Marx-Stadt (German Dem. Rep.)
Contact: Technische Univ. Karl-Marx-Stadt, Abt. Zentrale Veranstaltungen, Postfach 964, DDR-9010 Karl-Marx-Stadt, GDR</p> | <p>23-26 High Technology Materials Characterization
San Francisco (USA)
Contact: W. S. Young, IBM, 5600 Cottle Rd., San Jose, CA 95193, USA</p> |
| <p>15-20 Optics '88
Annu. Mtg. (Part I)
Orlando (USA)
Contact: Optical Soc. of America (OSA), 1816 Jefferson Pl.,</p> | <p>18-22 Ceramitech '88,
4th Int. Fair/3rd Int. Symp.
Munich (Fed. Rep. Germany)
Contact: Münchener Messe- und Ausstellungsgesellschaft, Postfach 121009, D-8000 München 12, FRG</p> | <p>26-27 Future Shock: Preparing for Tomorrow's Challenges in Plastics Processing,
SPE Conf.
Indianapolis (USA)
Contact: G. Steele, Ball State Univ., PA-134, Muncie, IN 47306-1099, USA</p> |

30-1 High-Performance Inorganic Thin Film Coatings

Monterey (USA)
Contact: C. M. Davidson,
Gorham Adv. Mater. Inst.,
P.O. Box 250, Gorham,
ME 04038, USA

30-2 Photopolymers, 2nd SPE Conf. and 8th Int. Conf.

Ellenville (USA)
Contact: Maung Htoo, IBM,
10 Rabbit Trail Rd., Pough-
keepsie, NY 12603, USA

31-4 Advanced Materials

Florida Chem. Conf.
St. Augustine (USA)
Contact: R. S. Drago, Dept.
of Chem., Univ. of Florida,
Gainesville, FL 32611, USA

für Metallkunde eV.,
Adenauerallee 21,
D-6370 Oberursel, FRG

13-15 High T_c -Superconductors

Monterey (USA)
Contact: C. M. Davidson,
Gorham Adv. Mater. Inst.,
P.O. Box 250, Gorham,
ME 04038, USA

15-17 Advanced Polymer Composites for Structural Applications, SPE Conf.

Los Angeles (USA)
Contact: G. Yule, RTP Co.,
650 Tamarack, Suite 1002,
La Brea, CA 92621, USA

15-17 Sensors and Measurement Techniques for Aeronautical Applications

Williamsburg (USA)
Contact: Air Force Wright
Aeronautical Lab., Wright-
Patterson Air Force Base,
OH 45433, USA

15-17 Membrane Technology

Int. Conf.
Sydney (Australia)
Contact: T. Fane, School of
Chemical Eng., Univ. of
NSW, P.O. Box 1,
Kensington 2033, Australia

15-18 Quantitative Surface Analysis, 5th Int. Conf.

London (United Kingdom)
Contact: G. C. Smith, Division
of Materials Applications,
National Physical Lab.,
Teddington, Middlesex
TW 11 0LW, UK

17-18 Projection Plasma Spraying

Paris (France)
Contact: IITT-International,
40 promenade Marx Dormoy,
F-93460 Gournay-Sur-Marne,
France

19-23 Multiphase Macromolecular Systems,

14th Biennial Polymer Symp.
San Diego (USA)
Contact: B. Culbertson, Ash-
land Chemical Co., P.O. Box
22 19, Columbus, OH 43 216,
USA

24-25 Intermetallic Phases

Bad Nauheim (Fed. Rep. Ger-
many)
Contact: Dtsch. Gesellsch.

für Metallkunde eV.,
Adenauerallee 21,
D-6370 Oberursel, FRG

27-30 Ceramic Materials and Components for Engines,

3rd Int. Symp.
Las Vegas (USA)
Contact: American Ceramic
Soc., 757 Brooksedge Plaza
Dr., Westerville, OH 43081-
6136, USA

28-3 Chemical Perspectives of Microelectronic Materials, MRS Fall Meeting

Boston (USA)
Contact: Materials Research
Soc., 9800 McKnight Rd.,
Suite 327, Pittsburgh,
PA 15237, USA

30 Diffractions from Polymers

London (United Kingdom)
Contact: Dr. M. Richardson,
National Physical Lab.,
Teddington, Middlesex
TW 11 0LW, UK

November 1988

2-4 Polyimides, SPE Conf.

Ellenville (USA)
Contact: Maung Htoo, IBM,
10 Rabbit Trail Rd., Pough-
keepsie, NY 12603, USA

8-9 Advanced Technology of Composite Materials, SPE Conf.

Osaka (Japan)
Contact: Toshihiko Harada,
Osaka Municipal Technical
Research Inst., 1-6-50 Mori-
nomiya, Ioto-ku, Osaka 536,
Japan

8-10 European MRS Fall Conference

Strasbourg (France)
Contact: P. Siffert, Centre de
Recherches Nucléaires, Lab.
"PHASE", 23, Rue du Loess,
F-67037 Strasbourg (France)

9-11 Perspectives on the New Superconductivity

Boston (USA)
Contact: D. Berger, Nature
Publ. Co., 65 Bleecker St.,
New York, NY 10012, USA

10-11 Microstructural and Microana- lytic Characterization of Ceramic Materials

Bad Nauheim (Fed. Rep. Ger-
many)
Contact: Dtsch. Gesellsch.

December 1988

1-4 Water Soluble Polymers,

Fuzhou Int. Symp.
Fuzhou (People's Rep. China)
Contact: Hu Bing-huan, Inst.
of Polym. Sci., Fujian Teachers
Univ., People's Rep. of
China

2 Computer Modelling of Inorganic Solid Structures

London (United Kingdom)
Contact: Dr. A. E. Comyns,
R & D Dept., Laporte Indus-
tries Ltd., Moorfield Rd.,
Widnes WA8 0QJ, UK

5-9 Lasers and Applications, 11th Int. Conf.

Lake Tahoe (USA)
Contact: Prof. H. J. Eichler,
Techn. Univ. Berlin, Optisches
Inst., Straße des 17. Juni 135,
D-1000 Berlin 12, FRG

7 Polymers for Life Science Applications

London (United Kingdom)
Contact: Dr. M. D. Purbrick,
Kodak Ltd. Research Div.,
Headstone Drive,
Harrow HA1 1ATY,
Middlesex, UK

7-8 **Materials Science and Eng. Towards the 21st Century**, 4th Israel Mater. Eng. Conf. Beer-Sheva (Israel)
Contact: Peltours-Conventions, The Secretariat, 4th Israel Mater. Eng. Conf., P.O. Box 394, 61003 Tel-Aviv, Israel

7-9 **Ceramics for Environmental Protection**, 1st Int. Symp. (ENVICERAM '88) Köln (Fed. Rep. Germany)
Contact: G. von Landsberg, Deutscher Wirtschaftsdienst, Marienburger Straße 22, D-5000 Köln 51, FRG

12-17 **Advances in Holography and Speckle Phenomenon and their Industrial Applications**, Int. Workshop Madras (India)
Contact: Prof. R. S. Sirohi, Indian Inst. of Technol., Physics Dept., Madras 600036, India

14-16 **SIMCER 7/ZIRCONIA 88** 7th Int. Symp. on Ceramics Bologna (Italy)
Contact: Centro Ceramico, Via Martelli, 26 I-43138 Bologna, Italy

January 1989

15-20 **Optics, Electro-Optics, and Laser Applications in Sci. and Eng.**, Symp. and Exhibition Los Angeles (USA)
Contact: Soc. of Photo-Optical Instrumentation Eng. (SPIE), P.O. Box 10, Bellingham, WA 98227, USA

19-23 **Optical Fiber Communication**, LEOS-IEEE-OSA Conf. Dallas (USA)
Contact: Optical Soc. of America (OSA), 1816 Jefferson Pl., NW Washington, DC 20036, USA

31-3 **Polymer**, 17th Australian Symp. Brisbane (Australien)
Contact: Dr. D. J. T. Hill, Chem. Dept., Univ. of Queensland, Brisbane 4067, Australia

31-3 **Sintering of Multiphase Metal and Ceramic Systems** Int. Conf. New Delhi (India)
Contact: G. S. Upadhyaya, Convener ICSMC '89, Dept. of Metallurgical Eng., Indian Inst. of Technol., Kanpur 208 016, India

February 1989

5-9 **Biomedical Polymers**, Int. Symp. Perth (Australia)
Contact: Secretary, W. A. Polymer Group, Royal Australian Chemical Inst., 125 Hay St., Perth, W. A. 6000, Australia

6-10 **Composites**, SPI Inst. Annu. Conf. Dallas (USA)
Contact: Composites Inst., SPI, 355 Lexington Ave., New York, NY 10017, USA

6-10 **Optical Fiber Communication**, IEEE-LEOS-OSA Conf. (OFC '89 and IGWO '89) Houston (USA)
Contact: Optical Soc. of America (OSA), 1816 Jefferson Pl., NW Washington, DC 20036, USA

21-26 **Optical Fibers and their Applications**, 5th Symp. Warsaw (Poland)
Contact: R. S. Romaniuk, IPI Warsaw Univ. of Technol., Nowowiepska 15-19, PL-00-665, Warsaw, Poland

27-3 **High-Temperature Superconducting Oxides: Processing & Related Properties**, TMS Annu. Meeting Las Vegas (USA)
Contact: M. Karl, The Metallurgical Soc., 420 Commonwealth Drive, Warrendale, PA 15086, USA

March 1989

5-10 **Liquid Crystals**, 6th Eur. Winter Conf. Schladming (Austria)
Contact: P. Laggner, Inst. für Röntgenfeinstrukturforschung

of the Austrian Academy of Sci., Steyrergasse 17, A-8010 Graz, Austria

6-8 **Lithium Battery Technology & Applications**, 4th Int. Seminar Deerfield Beach (USA)
Contact: S. P. Wolsky, Ansum Enterprises Inc., 950 De Soto Rd., Suite 3B, Boca Raton, FL 33432, USA

6-9 **Advanced Materials** Denver (USA)
Contact: Dr. Fred Smith, Adv. Mater. Inst., Colorado School of Mines, 1500 Illinois, Golden, CO 80401, USA

8-9 **Molecular Chemistry of Solid-State Electronics** London (United Kingdom)
Contact: The Royal Society, 6 Carlton House Terrace, London SW 1Y 5AG, UK

11-14 **Surface Finishing '89** Brighton (United Kingdom)
Contact: Inst. of Metal Finishing, Exeter House, 48 Holloway Head, Birmingham B1 1NQ, UK

20-22 **Refractory Metals and Silicides** Eur. Workshop Houthalen (Belgium)
Contact: R. De Keersmaecker, IMBE, Kapeldreef 75, B-3030 Leuven, Belgium

20-23 **Surface Science**, Interdisciplinary Conf. Liverpool (United Kingdom)
Contact: P. Weightman, Liverpool Univ., Oliver Lodge Lab., Oxford St., P.O. Box 147, Liverpool L69 3BX, UK

28-31 **Aluminium-Lithium** 5th Int. Conf. Williamsburg (USA)
Contact: Al-Li-V, School of Eng. and Applied Sci., Thornton Hall, Univ. of Virginia, Charlottesville, VA 22901, USA

29-31 **Neutron and X-Ray Scattering: Complementary Techniques** Canterbury (United Kingdom)
Contact: Dr. R. J. Newport, Univ. of Kent, Physics Dept., Canterbury, Kent CT2 7NR, UK

- 30-31 **Colorado Microelectronics**
Colorado Springs (USA)
Contact: CMC '89 Conf. Secretary, Microelectronics Research Lab., Univ. of Colorado, Colorado Springs, CO 80933-7150, USA

April 1989

- 3-5 **Modern Practice in Stress and Vibration Analysis**
Liverpool (United Kingdom)
Contact: Inst. of Physics, Meetings Officer, 47 Belgrave Square, London SW1X8QX, UK
- 3-7 **Copolymerization and Copolymers in Dispersed Media**
Lyon (France)
Contact: I. Guillot/C. Pichot, Lab. des Materiaux Organiques, BP 24, F-69390 Vernaion, France
- 10-12 **Bayreuther Polymer Symp., (BPS '89)**
Bayreuth (Fed. Rep. Germany)
Contact: BPS '89, Lehrstuhl Makromolekulare Chemie II, Univ. Bayreuth, Postfach 101251, D-8580 Bayreuth, FRG
- 11-13 **Catalysis by Well Characterized Materials**
Liverpool (United Kingdom)
Contact: Prof. R. W. Joyner, Leverhulme Ctr. for Innovative Catalysts, Univ. of Liverpool, Grove St., P.O. Box 147, Liverpool L69 3BX, UK
- 17-26 **Ceramics and Composite Materials,**
Spring College in Mater. Sci. Trieste (Italy)
Contact: Int. Ctr. for Theoretical Physics, Spring College in Mater. Sci. 1989, P.O. Box 586, I-34100 Trieste, Italy
- 24-28 **Lasers and Electro-Optics, LEOS-IEEE-OSA Conf. (CLEO '89)**
Baltimore (USA)
Contact: Optical Soc. of America (OSA), 1816 Jefferson Pl., NW Washington, DC 20036, USA

- 24-28 **MRS-Spring Mtg.**
San Diego (USA)
Contact: J. B. Ballance, MRS, 9800 McKnight Rd., Suite 327, Pittsburgh, PA 15237, USA
- 25-27 **Hot Isostatic Pressing of Materials: Applications and Developments**
Antwerpen (Belgium)
Contact: Hot Isostatic Pressing Conf., c/o K. VIV, Jan van Rijswijklaan 58, B-2018 Antwerpen, Belgium
- 26-28 **Joining Ceramics, Glass and Metal**
3rd Int. Conf. (CGM '89)
Contact: Dtsch. Gesellsch. für Metallkunde eV., Adenauerallee 21, D-6370 Oberursel, FRG

May 1989

- 4-6 **Festkörper: Dynamik und Kinetik**
Siegen (Fed. Rep. Germany)
Annu. Mtg. of the Dtsch. Bunsen-Gesellsch. für Phys. Chem.
Contact: Dtsch. Bunsen-Gesellsch., Carl-Bosch-Haus, Varrentrappstr. 40/42, D-6000 Frankfurt am Main 90, FRG
- 9-11 **Coatings and Sensors for Acoustic and Electromagnetic Optical Applications**
Univ. Park. (USA)
Contact: V. K. Varadan, Dept. of Eng. Sci. and Mechanics, Penn. State Univ., 227 Hammond Bldg., Univ. Park, PA 16802, USA
- 22-24 **Glastechnische Tagung**
Stuttgart (Fed. Rep. Germany)
Contact: Dtsch. Glastechnische Gesellsch. eV., Mendelssohnstr. 75-77, D-6000 Frankfurt am Main, FRG
- 22-25 **Graphite Intercalation Compounds,**
5th Int. Symp. (ISGIC-5)
Berlin
Contact: Dr. F. W. Froben, Fachbereich Physik, Freie Univ. Berlin, Arnimallee 14, D-1000 Berlin 33, FRG

- 29-2 **Molecular Beams**
Perugia (Italy)
Contact: V. Aquilanti, Univ. di Perugia, Dipt. di Chimica, I-06100 Perugia, Italy

June 1989

- 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
- 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

July 1989

- 10-13 **Magnetic Resonance in Polymers,**
9th Spec. Colloq. Ampere Prague (Czechoslovakia)
Contact: P. M. M. Secretariat, c/o. Inst. of Macromol. Chem., Czech. Acad. of Sci., 16206 Prague, Czechoslovakia
- 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
- 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
- 31-2 **Biologically-Engineered Polymers**
Cambridge (United Kingdom)
Contact: Royal Soc. of Chemistry, Burlington House, London W1V 0BN, UK

August 1989

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| <p>2-7 Pure and Applied Chemistry,
32nd IUPAC Congress
Stockholm (Sweden)
Contact: Stockholm Convention Bureau, P.O. Box 6911, S-10239 Stockholm, Sweden</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>28-1 Sintering,
7th World Round Table Conf. Herceg-Novi (Yugoslavia)
Contact: Dr. D. P. Uskoković, Serbian Academy of Sci. and Arts, Knez-Mihailova 35, 11000 Beograd, Yugoslavia</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, Wis-</p> | <p>28-1 Ferroelectricity,
7th Int. Mtg. (IMF-7)
Saarbrücken (Fed. Rep. Germany)
Contact: Dr. J. Albers, Univ. des Saarlandes, Fachbereich</p> | <p>28-1 X-Ray Optics and Microanalysis,
12th Int. Congr. Cracow (Poland)
Contact: S. Jasienska, Academy of Mining and Metallurgy, Inst. of Metallurgy, 30-059 Cracow, Poland</p> |

Last-minute information

More Funds for German Materials Science

In collaboration with the Fonds der Chemischen Industrie, the Federal Minister for Research and Technology (BMFT) has initiated a new support program in materials science. In the next two years selected leading research groups and talented young scientists will be awarded grants-in-aid totalling some five million marks, two million marks of which will come from the BMFT, for research in materials science.

The support program will primarily concentrate on computer simulation in materials science. In the important fields organic polymers, inorganic solids and high-performance ceramics a purposefully planned support for instruments and facilities (hardware) for six specially selected research groups (see Table 1) who already have considerable experience in these fields will hopefully contribute to a prompt and effective employment of computer simulation in materials research. This should remedy a deficiency in German basic research that has occurred because of the exceptionally rapid development in this field.

The funds of this support program will also be used for providing fellowships for qualified young scientists and grants for equipment to leading scientists in the fields of macromolecular chemistry, inorganic chemistry, physical chemistry and industrial chemistry. The ear-marking of part of the funds for financing subscriptions to specialized literature, participation at scientific conferences and the compilation of information addressed to scientists engaged in materials research should lead to an improved transfer

Table 1. Computer simulation in materials science: research groups already funded.

group leader	location	research topic
Hk. Müller-Buschbaum	Univ. of Kiel, Inst. of Inorg. Chem.	CAMD in solid state inorganic chemistry
R. Gruehn	Univ. of Giessen, Inst. of Inorg. and Analyt. Chem.	high resolution electron microscopy with simultaneous 2D/3D reconstructions
W. Spiess	Mainz, Max Planck Inst. for Polymer Science	polymer simulation and 2D NMR spectroscopy
D. Haarer	Univ. of Bayreuth, Physics Department	dynamic processes in polymer systems: charge carriers, color centers, micelles
J. H. Wendorff	Darmstadt, Deutsches Kunststoff-Inst.	polymer liquid crystals
G. Petzow	Stuttgart, Max Planck Inst. for Metals Research	CAD of ceramic engineering materials

of know-how among the individual researchers. The allocation of funds will be undertaken by independent advisory committees in the individual disciplines. Each of the committees will consist of academic and industrial scientists who will assess the allocation of funds exclusively according to scientific expertise.

Further information is available on request from the Fonds der Chemischen Industrie, Karlstraße 21, D-6000 Frankfurt/Main 1, Tel. 069/2556482.