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RESHEF TENNE

Materials Scientist, Physical and Inorganic Chemist
The first Drake Family Professor of Nanotechnology (Emeritus)
The first director of the Helen and Martin Kimmel Center for Nanoscale Science (Emeritus)

Personal Details
Tel: (office): +972-8-934-2394; Mobile: +972-54-624-4242; e-mail: reshef.tenne@weizmann.ac.il
Date & Place of Birth: 2.9.1944, Kibbutz Usha (Israel); Widower; 3 children, 2 grandchildren; remarried
Private address: Harav Hertzog St. 14, Apt. 8, Rehovot, Israel 7631045; Mobile +972-54-6244242; office 08-9342394
Nationality: Israeli; Passport No. 41036536
Languages**:** Hebrew (mother tongue); English (spoken and written); French (spoken)
Homepage: http://www.weizmann.ac.il/materials/tenne/

Specialization
Nanomaterials Science; Solid State Chemistry; Physical Chemistry

Education
B.Sc. in Chemistry and Physics, (1969), Hebrew University, Jerusalem
M.Sc. in Physical Chemistry, (1971), Hebrew University, Jerusalem (Prof. G. Stein, supervisor)
Ph.D. in Theoretical Chemistry (1976), Hebrew University, Jerusalem (Prof. A. Ben-Naim, supervisor)
Post-Doctorate in Theoretical Chemistry (1978), Battelle Institute, Geneva (Dr. E. Bergmann, supervisor)

Positions
1979- Scientist, Electrochemistry Group, Battelle Institute, Geneva
1979- Staff Scientist, the Weizmann Institute of Science, Rehovot
1981- Senior Scientist, the Weizmann Institute of Science, Rehovot
1985- Assoc. Professor, the Weizmann Institute of Science, Rehovot
1986- Visiting Professor (Spring), Solid State Institute, Technion, Haifa
1988- Visiting Professor, Pierre et Marie Curie University, Paris, France
1989- Visiting Professor (MRT Fellow), Solid State Physics Laboratory, CNRS, Meudon, France (Sabbatical)
1991- Visiting Professor (JSPS fellow), The University of Tokyo, Japan
1994- DAAD fellow, Hahn-Meitner Institute, Berlin, Germany
1995- Professor, the Weizmann Institute of Science
2000-2007 Head, Department of Materials and Interfaces, Weizmann Institute of science, Rehovot
2000-2007 Director of the G.M.J. Minerva Center for Supramolecular Architectures, Rehovot
2003-2014 Director of the Helen and Martin Kimmel Center for Nanoscale Science, Rehovot
2014- Emeritus Professor, Weizmann Institute of Science, Rehovot
2017- Research (Emeritus) Professor, Weizmann Institute of Science, Rehovot
2021- Visiting scholar, Bar-Ilan University, Ramat-Gan

Scientific Honors, Awards and Recognitions
1976-1978- *International Battelle Memorial Fellowship*, Geneva
1983- *Helen & Milton A. Kimmelman Career Development Chair* (1983-1986).
1985- *The Mordechai (Moma) Glickson Annual Research Prize* of the Weizmann Institute, Rehovot
1996- *Fellow of the Israel Vacuum Society*, Tel-Aviv
2002- *Fellow of the World Technology Network*, San Francisco
2004- *The Drake Family Chair in Nanotechnology*, Rehovot
2005- *The Kolthoff Prize in Chemistry of the Technion*, Haifa
2005- *Materials Research Society Medal*, Boston
2005- *Rafael Scientific Research Excellence Prize* of the Israel Vacuum Society, Tel-Aviv
2006- *Landau Prize* of Mifal Hapais (Israel Lottery) in Nanotechnology, Tel-Aviv
2008- *Fellow of the Materials Research Society* (inaugural class of fellows), Boston
2008- *The Israel Chemical Society Excellence Prize*, Tel-Aviv
2011- *Fellow of the Royal Society of Chemistry (FRSC)*, UK
2011- *Member, Israel Academy of Sciences and Humanities*, Jerusalem

2011- *ChinaNano 2011 Plenary Speaker Award*, Beijing, China
2012- *The C.N.R. Rao Award Lecture* in the 14th Chem. Res. Soc. India, Trivandrum, India
2012- *Member, Academia Europaea*- The Academy of Europe, London
2014- *Best science paper award* of the year- Inst. Civil Eng., UK
2015- *University Honorary Chair Professor* of Taiwan Technical Univ. Sci. & Tech., Taipei
2015- *Gold Medal* of the Israel Chemical Society, Tel-Aviv
2016- *Rothschild Prize* in Physics and Chemistry, given by the "Speaker" of the Israeli Parliament (Knesset), Jerusalem
2016- *Plenary Speaker Prize NanoTr12*, the 12th International Nanoscience and Nanotechnology Conference, Gebze Technical University, Turkey
2017- *Honorary Fellow* of the Israel Society for Microscopy (ISM), Tel-Aviv
2019- *International Union of Vacuum Science, Techniques and Applications (IUVSTA) 2019 Technology Prize*, Malmo, Sweden
2020- *EMET Prize* for Art, Science and Culture endowed by Israel Prime Minister, Jerusalem
2021- *Member, Academia Scientiarium et Artium Europaea* (*European Academy of Science and Arts*), Salzburg, Austria
2022- *The 2023 ACS Award in Chemistry of Materials*, Indianapolis, US
2023- the *Arthur von Hippel Award* of the Materials Research Society, Boston, US
2026- *The Israel Prize in Chemistry and Chemical Engineering*, Jerusalem
2026- *Member, European Academy of Engineering*, Gothenburg (Sweden)

Special lectures and recognitions

2009, 2010- Special Lecture Series hosted by the German Chemical Society (DGCh) in Dresden, Stuttgart Darmstadt, Karlsruhe
2009- *INNT01*, 1st Workshop on Inorganic Nanotubes, San Sebastian, September- A Workshop in Honor of Professor Reshef Tenne's 65th Birthday (http://dipc.ehu.es/ws_presentacion.php?id=40)
2011- *The Folman Lecture*, Technion, February, Haifa
2012- *Adams Seminar*, Isr. Academy of Sci. & Humanities, May, Jerusalem
2013- *Esteemed Keynote Speaker*, 6th Bangalore INDIA NANO 2013
2013- Seminar series in Korean Universities hosted by the Korean Academy of Sciences, October, Korea
2015- Seminar series hosted by the Academia Sinica, November, Taiwan
(http://www.intechopen.com/journals/nanomaterials_and_nanotechnology)
2016- *Honorable Guest and Keynote Lecturer*, Materials Chemistry 2016 Conference, Valencia, March
(http://materialschemistry.conferenceseries.com/)
2018- *8th Annual Chemistry Lecture*- Jawaharlal Nehru Centre for Advanced Scientific Res., March, Jakkur, India
2018- *Inaugural Diamond Jubilee Chemistry Lecture*, IIT Bombay, March, Mumbai, India
2018- *Nano-Day 2018 Keynote Speaker*, UNAM, Bilkent University, May, Ankara, Turkey
2021- "ננוטכנולוגיה", "בכור המחפכה המדעית" הרצאה במסגרת סדרת ההרצאות, Lecture in memory of Prof. Aharon Katzir, May (webinar with 1500 spectators)
2021-Invited talk in the *Forum of Distinguished Scholars* in Wuhan University of Technology, September (webinar)
2022- Member of the Int. Adv. Board for the Bilkent University National Nanotechnology Research Center (UNAM) of Turkey, Ankara
2025- Colloquium in *Cambridge Strategic Research Initiative (SRI) on Quantum and Advanced Materials for a Sustainable Society (QAMSS)*, August, Cambridge University, UK
2026- *Scientific Council of the WIS Lecture* honoring the *Israel Prize*, Weizmann Institute, April
Symposium on 2D-Materias honoring the Israel Prize of R. Tenne, Technion, June
2026- *From 2D Materials to New Horizons*, A Special Symposium in Honor of the 2026 Israel Prize Laureate, Prof. Reshef Tenne, June, Technion

Technological recognitions

2004 -"ApNano Materials" selected by the Innovation World magazine as one of the top 21 companies of the 21st century
2004 - "ApNano Materials" selected by the *Red Herring* as one of the 100 most innovative companies, New York
2006 - "NanoLub" is the winner of the second annual *Nanotech Briefs* magazine Nano 50 contest, Boston
2006 - "ApNano Materials" elected as Corporate Member of the World Technology Network, San Francisco
2010 - "Ap-Nano Materials" selected for the "The Automotive Excellence (NoAE) Innovation-Competition Prize top 30", Würtzburg Automotive Summit, Germany, Sponsored by The German Federal Ministry for Economics and Technology
2010- "NanoMaterials" was awarded "Nanotechnology Company of the Year Award 2010" by the Israel Ministry of Industry& Trade, Office of the Chief Scientist and MATIMOP (Israeli Industry Center for R&D), Tel-Aviv

Students' recognitions (since 2020)
2023- *Best presentation prize to* Dr. Vojtech Kundrat, 2D Materials symposium, IMC20- 20th Intl. Microscopy Congress, September 2023, Busan
2024- Dr. M.B. Sreedhara, *WSoS (formerly FGS) Postdoc Prize*
2025- Dr. V. Kundrat, *Sir Charles Clore Fellowship of the WSoS (formerly FGS) Postdoc Prize*
Funding: ERC-AdG (2008- inaugural cycle): European Research Council: Advanced Research Grants -1.62 M Euro over 5 years; ERC-PoC (2012) grant- 150k E

Monographs
"Inorganic Nanomaterials from Nanotubes to Fullerene-Like Nanoparticles: Fundamental and Applications", R. Tenne, World Scientific, Singapore (2012).
"Inorganic Fullerene-like Nanoparticles and Inorganic Nanotubes", Eds. R. Tenne and A.N. Enyashin, MDPI publications, Basel (2015). ISBN 978-03842-149-4(8)

Other experiences
1969- Teaching at both University and High Schools
1978 and 1979- Organizer of two International Workshops on the theory and applications of liquid and amorphous Metals, Battelle, Geneva
1992-1996- Co-Chair of the annual symposia of the *Israel Vacuum Society*
1986- Consultant: *Solar Energy Applications project* Battelle, Geneva
1981- Consultant- *Photoelectrochemical Applications*, Dornier System GmbH
1990-1992- Member of Teaching Board of Chemistry, Weizmann Institute of Science
1993-1996 – Member and Chair of Services Committee, Weizmann Institute of Science
Member-Advisory Committee for the following research centers:
1991 and 1994- *Interfaces and catalysis*, U. of Laval, under auspices of FCAR, Quebec
1997-*Institute of Photonics* Prof. M. Graetzel (EPFL,) on behalf of the Swiss Ministry of Education
1998-*Center of Photoelectroenergetics of Organic Materials* headed by Prof. Y. Nakato, U. of Osaka on behalf of the Japanese Ministry of Education
1990-1992- Secretary of the *Israel Vacuum Society*
1992-1994- President of the *Israel Vacuum Society*
- Expert Reviewer for the following Journals and Organizations:
Nature, *Science*, *Nature Materials, J. Am. Chem. Soc., PNAS, Nature Comm., Phys. Rev. Lett., Angew. Chem. Intl. Ed., J. Phys. Chem., Adv. Mater*., *J. Mater. Res.*, *J. Electrochem. Soc., J. Electroanal. Chem., J. Solid State Chem., Indian J. Tech., J. Appl. Electrochem., Appl. Surf. Science, Acta Materialia, Chem. Phys. Chem., Nano Lett., ACS- Nano, Eur. J. Inorg. Chem., NSF, DOE, PRF-ACS, EU R&D Program (ERC), NEDO (Japan), ERC, Swiss National Sci. Found.*
- Member of the following scientific boards:
1994- *Eshkol* foundation
1994-1997- France-Israel (*AFIRST*)
1995-1997-India-Israel Foundation
1997-Japan-Israel Foundation
2006-Legacy Heritage Fund of the Israeli Science Foundation
- Reviewer and member of promotion committee for the following faculties:
1990 and 1993-*Columbia University*, School of Physics, New York
1995-*University of Washington*, Dept. of Material Science and Engineering, Seattle
1999-*University of Oxford*, Dept of Materials Science, UK
1994 and 2001- the *Hebrew University*: 1995-1997-*Technion;* 1997 and 2010-*Ben-Gurion University*;
2004-*Bar-Ilan University*
1995 and 2008- Visitor of the American Airforce Labs under the program *Window to Science*
- Recipient of 2 International NEDO projects from the government of Japan:
1992-1995 NEDO grant with Prof. A. Fujishima, University of Tokyo, and
1995-1998 NEDO grant with Dr. S. Iijima, NEC
- Committees at the Weizmann Institute of Science:
1997-1998 Vice-chair of the Scientific Council of Professors of the Weizmann Institute; Member of the Steering Committee of the Scientific Council; Chair of the Research Associates' Promotion Committee; Member of the Research Associates' Tenure Committee
1997-1999- Founding Chair of the Materials Committee of the Israel Science Foundation
1997- Founder and Chair, the Lev Margulis Award Committee of the Israel Microscopy Society

1997- Member of Israeli Ministry of Science search committee for scientific councilors to embassies
- Israel Chemical Society contributions:
1997-2003- Israel Chemical Society (ICS) Board member, Prize Committee member, and Treasurer
1997- Member of ICS committee for the young faculty scientist excellence award; 1998-Chair of the internet site selection committee; and 1999- Founder of the committee for establishment of ICS awards
1998-2000- Member of the Research Board of Advisors, Am. Biog. Inst.
1999 and 2000- Member of the board for the Alon fellowship program, VATAT
1999- Acting Chair of the Department of Materials and Interfaces, Weizmann Institute, Spring
1999- Member, Committee for selection of internal research awards, Weizmann Institute
1999- Member, Committee for the Canada-Israel joint R&D program, Ministry of Science and Technology
2000-2002- Chairperson, Travel committee of the Weizmann Institute of Science
2000-2002- Member, Promotion Committee of the Faculty of Chemistry, Weizmann Institute
2000-2007- Member, Academic Board; Promotion Comm. and Honorary Deg. Comm., Holon Institute of Technology
2000-2007- Head, Department of Materials and Interfaces, Weizmann Institute
2001- Member, Large Equipment Committee, Israel Science Foundation
2001- Board of Reviewers, NEDO, Japan
2001-2007- Director, G.M.J. Schmidt Minerva Center for Supramolecular Architectures
2001- Member, Award Committee, Israel Vacuum Society
2002- Acting President, Israel Chemical Society
2002- Co-founder of "ApNano Materials, Inc" ("NanoMaterials, Ltd"- http://www.apnano.com) purchased in 2013 by N.I.S. (www.nisusacorp.com)
2003- 2014- Founding director, the Helen and Martin Kimmel Center for Nanoscale Sciences
2002-06- Co-Founder and Member of the Steering and the Selection Committees for the Intl. H. Gerischer Prize of the Electrochemical Society
2003- Member, Board of the Israel Society for Microscopy
2004- Member, Nanotechnology Initiative of the Israeli Ministry of Agriculture
2004- Reviewer for the Third World Academy of Sciences
2004- Member, Advisory Committee to the Israel Nanotechnology Initiative for Nano-Bio
2004- Member, British Standard Panel for Nanotechnology of the BSI and 2005- Publicly Available Standard (PAS71)
2004- Chairman, Review Comm. for the joint NSF (US)-Isr. Ministry Sci. Tech. research program
2005-2010 Member, Advisory Board of the Faculty of Materials Engineering, Technion
2007 and 2008- Member, Selection Committee for the Harvey Prize
2008-2014- Member of the Board of Directors and General Assembly of the Landau Prize Foundation
2007-2008- Member, Scientific Committee on Advanced Materials, Institute for Science and Technology, Austria
2008- Member, Board of Reviewers for the Romanian Natl. Research Council (NURC), Bucharest
2009- Member, Board of Reviewers, Swiss Natl. Sci. Found. for two programs: "Smart materials" and Centers of Excellence (NCCR)
2009 and 2010- Co-convener, Faculty of Chemistry Colloquium, Weizmann Institute
2009- Founding Member of the Board of NanoIsrael Biannual Conference Series (2009-2014)
2010- Member, Board of Reviewers, Israel Science Foundation
2011- Member of the Dostrovsky Prize Board (2010-2016)
2012- Member, Landau Prize Committee of Mifal Hapais- Israel Lottery (2012-2016)
2008-2013- Member of the Intl. Adv. Board, *TMCN* annual conference series; Since 2013- *Flatlands, beyond Graphene* conference series.
2009-2013- Founding member and member of the COST action-COINAPO network
2012-present, Member, Scientific Council and Chairperson of the Promotion Committee, Holon Inst. Tech.
2012- Chairperson of the board, the Gerischer Prize of the Electrochemical Society
2012- Founder of the Isr. Chem. Soc. Lea Tenne Family Prize in Nanoscale Science
2014- Chairperson, Comm. of the Isr. Academy of Sci. for monitoring the "*State of Science in Israel 2013 report* to the Knesset and government, delivered April 2015
2014- TTRF Foundation (Japan) grant with Prof. L. Rapoport (HIT)
2015- Chair of the Israel Academy of Sciences Committee responsible for the 2nd triennial report on the *State of Science in Israel 2016* to the government- delivered November 2016
2015- Chair of the selection committee for the Landau Prize in *Nanotechnology-Science and Applications*
2016- Member, Consulting Research Committee for the Head of the Planning and Budgeting Committee of the Higher Education (VATAT)

2016- Member, International Advisory Board. Indian Association for Nanoscience and Nanotechnology (www.iannindia.org)
2017- Chairperson, Comm. of the Isr. Academy of Sci. for monitoring the *State of Science in Israel 2016* report, delivered to the Knesset (Israeli parliament) and government, February (2018)
2018- - Board of the Annual *Nano Research* Journal (Springer Nature) Award
2018- Chair of the Israel Academy of Sciences Committee responsible for the 3rd triennial report on the *State of Science in Israel 2019*, delivered to the Knesset (Israeli parliament) and government, December 2019
2019- Board of Juries for an International Prize
2020- 2020- Chair of the Isr. Academy of Sci. Comm. for monitoring of the report on the *State of Science in Israel 2019* delivered to the Knesset and the Israeli government in March 2021
2020- Board of Juries of the *Israeli Prime Minister Prize for Renewable Energy and Smart Transport* (Israeli and international prizes)
2020-2025 Member, and since 2021 Chair, *the Kavli Early Career Lectureship* of the Materials Research Society (MRS)
2020- Member, Intl. post-doctoral fellowship committee, the Isr. Acad. Sci.
2020- Member, Israeli post-doctoral fellowship committee, the Isr. Acad. Sci.
2021- Chair of the Israel Academy of Sciences Committee responsible for the 4th triennial report on the *State of Science in Israel 2022*- delivered to the Israeli Parliament (Knesset) and the government, November 2022
2021- Member, Faculty of Chemistry Prize Committee, Weizmann Institute
2021- 2026 Convener of the annual Israel Rubinstein Memorial Lecture, Weizmann Institute
2022- Member of the Intl. Board, UNAM, Bilkent University, Ankara
2022- Co-Chair, meeting of the Royal Society and the Israel Academy on Materials Science, Manchester, September
2022- Member, Prize Committee, Nano IL (2024)
2023- Member, Prize Committee, IVS Early Career Prize
2023- Member, IAS&H Committee for new members (Science Division)
2023- Member of the Intl. Board of *Quantum Materials for Sustainable Applications* (QM4ST), Consortium of Czech Universities
2024- Established with his wife (Prof. Alla Zak) the annual *Zak-Tenne Lectureship in Materials Science* of the Isr. Vacuum Soc.
2024-2025- Co-convener of the annual Schmidt Lecture, Weizmann Institute
2024-2025- Convener of the Chemists/Chem. & Materials Eng. Forum of the Israeli Academy of Science& Humanities for selection of future candidates for the IAS@H.
2026- Member of the advisory committee for the Faculty of Chemistry for industry-academia relationship; Member-Nano IL prizes committee.
2026- Member, MRS Award Committee
2026- Named Lectures committee of the Faculty of Chemistry (WIS)

Editorial duties
2002-2006**-** Principal Editor-*Journal of Materials Research*
- Editorial Advisory Boards:
Materials Science Forum, Trans Tech Publications (1997-); *Chem. Mater.* (2003-2008); *European J. Sol. State Inorg. Chem.* (1993-2000); *Solid State Sciences* (2000-2023); *Microscopy, Microanalysis, Microstructures* (1995-1999); *Advanced Functional Materials*, Wiley-VCH (2001-2018); *Materials Research Bulletin* (2005-); *Nanotechnology* (IoP) (2005-2008); *Recent Patents in Nanotechnology,* Bentham (2006-); *Chemistry, Asian Journal* Wiley-VCH (2006-2018); *Nano*, World Scientific Publishing (2006-); *Digest J. Nanomater. Biostruct.* (2006-); *The Open Nanosci. J*., Bentham (2007-); *The Open Appl. Phys. J*., Bentham (2007-2014), became *The Open Phys. J* (2014-); *PhysicaPlus* (On-Line Magazine of the Isr. Phys. Soc., 2006-); *Nano Research*, Springer and Tsinghua University Press (2007-2013; 2014-); *Nano and Biomaterials* (2009-), InderScience; *Isr. J. Chem*., Wiley-VCH (2010-); *Nanomaterials and Energy*, ICE Pub. (UK); *Mater. Sci. Appl*., Scientific Research Publications, USA (2011-); *ChemistryOpen*, ChemPubSoc Europe (2011-); *Particle (Wiley-VCH*-2012-2018*)*; *Nanomater. and Nanotech*., Open Access journal published by Intech (2011-); *Inorganics*, MDPI publisher, Basel, Switzerland (2012-); *Orectic Journal of Nanoscience* (2012); *Technology*, World Scientific (2014-); *China Science Materials*, Chinese Academy of Sci. (2014-2019*);The Open Physics Journal*, Bentham (2015-)*; Functional Nanomaterials Journal,* Veruscript (London; 2016-); *Jacobs J. Inorganic Chem*., Austin (TX) (2016-); *Int. e- Journal Nanotech. Nanomedicine* (2016); *EDP Sciences* (2017-); *Sci.* MDPI (2018-). *Crystals* MDPI (2020-); *Oxford Open Materials Science*, Oxford Univ. Press (2020-)
1997- Guest Editor**,** *Fullerene Research in Israel*, a special issue of *Fullerene Sci. and Technol.*
2006- Focused Issue Editor of the *J. Mater. Res*., "Nanotubes and Nanowires"
2010- Co-editor for the special issue of the *Isr. J. Chem*., "Inorg. Nanotubes and Nanostructures"

2013- Co-editor of *Carbon Functional Nanomaterials, Graphene and Related 2D-Layered Systems* MRS Proceeding volume (No. 1549), ISBN 978-1-60511-526-9.
2014- Royal Society of Chemistry list of selected group of referees in materials science (MHR)
2014- Co-editor, Special issue of *Inorganics* (MDPI Publications), "Inorganic Nanotubes and Fullerene-Like Nanoparticles". doi:10.3390/inorganics2040649
2014- Co-editor, Special issue of *Nanomaterials and Energy* (Inst. Civil Eng. (UK) Publications) "2D materials for energy research". DOI: http://dx.doi.org/10.1680/nme.2015.4.1.1
2014- Royal Society of Chemistry list of selected group of referees (MHR) in materials science.
2016- Co-editor, Special issue of the *Isr. J. Chem.* "Computational Science of Inorganic Nanostructures". DOI: 10.1002/ijch.201700015.
2025- *eChem*, https://www.sciltp.com/journals/eChem/editoroffice, Scilight Press, Melbourene; Nano-Eletrochem. and Phtochem. https://www.sciltp.com/journals/nenp/

Honorary Board Member
2015- *Honorary Editorial Board member*, *Nanomaterials and Nanotechnology* journal
2017 - *Materials Science Research India*
2016 - *Nanomaterials and Nanotechnology J. (SAGE)- Honorary board member*
2016 - *International Reviewer journal* (www.theinternationalreviewer.info)

Professional societies:
Swiss and European Physical Societies; Israel Society for Microscopy; Israel Chemical Society; Israel Vacuum Society; Israel Physical Society (up to ~2010); American Physical Society; Electrochemical Society; American Chemical Society; Materials Research Society; Royal Society of Chemistry (UK); Intl. Soc. Condition Monitoring (ISCM 2010-2018)

Visiting scientist positions:
1983- July -Laboratory of Solid-State Physics, CNRS, Meudon, France, with Dr. C. Lévy-Clément
1984- February -Laboratory of Solid State Physics, CNRS, Meudon, France, with Drs. C. Lévy-Clément and R. Triboulet
1984- May - Department of Physics, Brooklyn College of the City University of New York, with Prof. M. Tomkiewicz
1984- August - Institute of Chemistry, University of Bern, with Dr. G. Calzaferri
1985- February - Rockwell International R & D Center, Thousand Oaks, California, with Dr. Ron Haak
1985- December - Photoluminescence Laboratory, CNRS, Meudon, France, with Dr. H. Mariette
1986- Summer and 1987, February-Department of Physics, Konstanz University, Germany, February with Prof. E. Bucher and Dr. M. Lux-Steiner
1988- February and 1987, May - Department of Chemistry, Michigan University, Ann-Arbor, with Prof. A. Francis and Dr. E. Lifshitz
1989- December - Du-Pont Central Research Center, Wilmington DE, with Dr. B.A. Parkinson
1991- January - CSIR, Madrid, with Dr. P. Salvador
1990- September - Hahn-Meitner Institute (now Helmholtz Institute), Berlin, with Dr. H. Lewerenz
1991- October-Laboratory of Solid-State Physics, CNRS, Meudon, France, with Drs. C. Lévy-Clément and M. Rodot
1992- February - Department of Synthetic Chemistry, the University of Tokyo, with Prof. A. Fujishima
1994- Summer- Hahn-Meitner Institute (now Helmholtz Institute), Berlin, with Prof. H. Tributsch

List of Publications

1. Photochemistry of Solutions of Eu(III) and Eu(II), Y. Haas, G. Stein and R. Tenne, *Isr. J. Chem.* **10**, 529-536 (1972).
2. Effect of Tetraalkylammonium Salts on Hydrophobic Interaction, R. Tenne and A. Ben-Naim, *J. Phys. Chem.* **80**, 1120-1122 (1976).
3. Distribution Functions at Zero Separation and an Equation of State for Hard-Core Particles with a Finite Interaction Tail, B. Barboy and R. Tenne, *Molec. Phys.* **31**, 1749-1964 (1976).
4. Distribution Functions at Zero Separation and an Equation of State for Hard-Core Particles with a Finite Interaction Tail II. Angle-Dependent Potential, B. Barboy and R. Tenne, *Molec. Phys.* **33**, 331-337 (1977).
5. Application of the Scaled Particle Theory to the Problem of Hydrophobic Interaction, A. Ben-Naim and R. Tenne, *J. Chem. Phys.* **67**, 627-633 (1977).
6. Application of the Scaled Particle Theory to the Problem of Hydrophobic Interaction: Part II - Mixtures of Water and Ethanol, R. Tenne and A. Ben-Naim, *J. Chem. Phys.* **67**, 4632-4636 (1977).
7. Scaled Particle Theory of Non**a**dditive Hard Spheres: Solutions for General Positive Nonadditivity, R. Tenne and E. Bergmann, *Phys. Rev. A* **17**, 2036-2045 (1978).
8. Scaled Particle Theory of Mixtures of Hard Spheres with Negatively Non-Additive Diameters, E. Bergmann and R. Tenne, *Chem. Phys. Lett.* **56**, 310-313 (1978).
9. Distribution Functions and the Equations of State of Sticky Hard Sphere Fluids in the Percus-Yevick Approximation. B. Barboy and R. Tenne, *Chem. Phys.* **38**, 369-387 (1979).
10. Losungen des Modells des Skalierten Teilchens fur Mischungen harter Kugeln mit Nicht-Additiven Durchmessern, E. Bergmann and R. Tenne, *Helvetica Physica Acta* **51**, 537 (1978).
11. Scaled Particle Theory for Mixtures of Non**a**dditive Hard Discs, R. Tenne and E. Bergmann, *J. Chem. Phys.* **70**, 1952-1962 (1979).
12. Un Models de la Localisation Partielle des Gas Adsorbes aus Surfaces des Solides, E. Bergmann and R. Tenne, *Helvetica Physica Acta* **52**, 100 (1979).
13. The Zero Separation Theorems for the Distribution Functions and the Equation of State for Hard Core Fluids, R. Tenne and B. Barboy, *Helvetica Physica Acta* **52**, 425 (1979).
14. Nonadditive Hard Discs, A Model for Partially Localized Adsorption, R. Tenne and E. Bergmann, *Phys. Rev. B.* **22**, 702-716 (1980).
15. Improved Efficiency of CdSe Photoanodes by Photoelectrochemical Etching, R. Tenne and G. Hodes, *Appl. Phys. Lett.* **37**, 428-431 (1980).
16. Photoelectrochemistry of the $CuInS_2/S_n^{2-}$ System, Y. Mirovsky, D. Cahen, G. Hodes, R. Tenne and W. Giriat, *Solar Energy Mater.* **4**, 169-177 (1981).
17. The Effect of Photoelectrochemical Etching on the Performance of CdS Based Photoelectrochemical Cells, R. Tenne, *Appl. Phys.* **25**, 13-16 (1981).
18. The Effect of Some Surface Treatments on the Characteristics of Cd-Chalcogenides/Polysulfide Schottky Barrier, R. Tenne, *Ber. Bunsenges. Phys. Chem.* **85**, 413-421 (1981).
19. The Effect of Photoelectrochemical Etching on the Performance of CdTe Polysulfide Photoelectrochemical Cells, N. Müller and R. Tenne, *Appl. Phys. Lett.* **39**, 283-285 (1981).
20. Thermodynamics of a One-Dimensional Hard Rod Mixture with Non-Additive Lengths, B. Barboy and R. Tenne, *Molec. Phys*. **44**, 1137-1143 (1981).
21. The Effect of Added Salts on the Stability of Cd-Chalcogenide/Polysulfide Photoelectrochemical Cells, R. Tenne, *J. Electrochem. Soc.,* **129**, 143-145 (1982).
22. Photoelectrochemical Performance of the n-CdSe/Aqueous Polysulfide System at Room and Sub-Zero Ambient Temperatures, N. Müller, R. Tenne and D. Cahen, *J. Electroanal. Chem.* **130**, 373-379 (1982).
23. Activation Energy for Nucleation of the Supercooled Hard-Sphere Fluid, R. Tenne, *Chem. Phys. Lett.* **87**, 177-180 (1982).
24. Photoelectrochemical Solar Cells: Interpretation of Cell Performance Using Electrochemical Determination of Photoelectrode Properties, Y. Mirovsky, R. Tenne, G. Hodes and D. Cahen, *Thin Solid Films* **91**, 349-356 (1982).
25. Zero Separation Theorem for Systems with Long Range Interactions, R. Tenne, B. Barboy, S. Baer and M. Silbert, *Molec. Phys.* **47**, 913-924 (1982).
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2. Optimization of the Internal Resistance of Lead/Acid Cells Using a Three-Dimensional Approach. R. Tenne, G. Meda, E. Bergmann, S. Amara. Battelle Report No. 6237 (1979).

Invited/keynote and plenary talks (Conferences & meetings)
1. *Charge Transfer across Cd-Chalcogenide/Aqueous Polysulfide Interface under Illumination and in the Dark*, 160th Meeting of the Electrochemical Society, Denver, Col., USA (1981).

2. *Characterization and Optimization of Polysulfide Based Photoelectrochemical Cells Using Operational Parameters Derived by Optical and Electrochemical Methods*, 160th Meeting of the Electrochemical Society, Denver, Col., USA (1981).
3. *Improved Opto-Electronic Performance of Semiconductors by Means of (Photo) Electrochemical Etching,* International Electrochemical Society, Berkely, California, USA (1984).
4. *Passivation of Recombination Centers by (Photo) Electrochemical Etching of Semiconductor Surfaces*, Electrochemical Society Meeting, Toronto, Canada (1985).
5. *Light Induced Etching of Semiconductors*, Gordon Conference, Santa Barbara (1985). Short presentation.
6. *Low Bandgap Materials for Photovoltaic Application*, 4th Bordeaux--Weizmann Meeting: Advanced Materials, Weizmann Institute of Science, Rehovot, Israel (1986).
7. *Light Induced Etching of Semiconductors: Interplay Between Kinetics and Thermodynamics*, 53rd Meeting of the Israeli Chemical Society, Ben-Gurion University.
8.*"Photoelectrodes semi-conductrices"* (GRECO), Meeting of the French Photoelectrochemistry Group, Ecole Polytechnique Massy-Palaiseau (1988).
9. *Photoconductivity Measurements of the CdTe-ZnTe Superlattices*, H. Strikman, D. Mahalu and R. Tenne, 7th International Conference on Photochemical Conversion and Storage of Solar Energy (IPS7), Chicago (1988). Short presentation.
10. *Passivation of Recombination Centers*, 40th International Electrochemical Society Meeting, Kyoto, (1989).
11. *New Process for Optical Data Recording by Photoelectrochemical Etching* (with C. Lévy-Clément), "Biochemical, Photonic and Electronic Processes of Molecular Functional Interfaces", Tokyo (1989).
12. *Morphological and Optical Aspects of Rough Semiconductor Surfaces Produced by Photoelectrochemical Etching*, in "The Chemistry and Physics of Composite Media", Symposium the Electrochemical Society Spring Meeting, Montreal, Canada (May 1990).
13. *Passivation of Semiconductor Surfaces Using Photoelectrochemical Etching*, "Frontiers in Quantum Solar Energy Conversion", Nassfeld, Austria (1990).
14. *Passivation of Recombination Centers on Isotropic and Anisotropic Semiconductors*, 1st US-Israel Energy Conversion Forum, Shoresh, Israel (1990).
15. *New Optical and Electronic Properties of Surface Modified WSe_2*, Symposium on "Semiconductor Photoelectrochemistry", Electrochemical Society Metting, Washington, USA (May 1991).
16. *Preferential Etching of Impurities from Semiconductor Surfaces*, Symposium on "Electrochemical Microfabrication", Fall Meeting of the Electrochemical Society, Phoenix, USA (October 1991).
17. *Tailoring Semiconductor Surfaces for High Photoresponse*, "Frontiers of Electrocatalysis", Sapporo, Japan (September 1991).
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19. *Porous Si and Opto-electronic Material*, Annual Symposium of The Israeli Vacuum Society, Tel Aviv (January 1992).
20. *How to Get Impurities in and Out of Semicondcutors at Room Temperature*, Symposium on Characterization of Semiconductor Thin Film and Interfaces, Fall (182th) Meeting of the Electrochemical Society, Toronto, Canada (October 1992).
21. *Vapor deposition of oriented W(Mo)S_2 thin films*, Symposium of the Israeli Assocation of Crystal Growth, Rehovot (November 1992).
22. In the symposium on *Synthesis in Solid State Chemistry,* a *Symposium in honor of Aaron Wold*, ACS meeting, Denver (March 1993).
23. In the symposium 5th Workshop: Frontiers in Quantum Solar Energy Conversion, Breil/Brigels, Switzerland (March 1993).
24. *Chemical Characterization and Opto-Electronic Properties of Porous n-Type Silicon Synthesized by Photoelectrochemical Etching.* C. Lévy-Clément, A. Lagoubi, M. Neumann-Spallart, M.A. Ryan, and R. Tenne, Symposium *Solar Energy Conversion*., Spring (183th) Meeting of the Electrochemical Society, Hawaii (May 1993).
25. *Layered metal dichalcogenide Semicondcutors: From Single Crystals to Nanocrystallites*. Russia-Israel Binational symposium on Modern Materials, Tel-Aviv (January 1993).
26. *Nested Inorganic Fullerenes*. Isr. Chem. Soc. Meeting, Ben-Gurion University (February 1994).
27. *Giant Nested Fullerenes of Molybdenum and Tungsten Dichalcogenides*. R. Tenne et al., Electrochemical Society Fall Meeting, New Orleans (October 1993).
28. *Nested Fullerene-like Structures of MX_2*, R.Tenne, L. Margulis and G. Hodes, New Trends in Photoelectrochemistry, Tokyo, March (1994).
29. *Inorganic Fullerenes*, New England Section of the Electrochemical Society, December (1994).
30. *Inorganic Fullerenes*, Department of Physics Club, MIT, December (1994).

31. *Inorganic Fullerene-like Structures and Nanotubes of MX_2*, Symposium on Fundamental and Applied Studies of 2-D Metal Chalcogenide materials, Electrochemical Society Meeting, Chicago (1995).
32. American Chemical Society Meeting, Symposium: "Electrochemical Surface Science in the International Scene", Orlando August (1996).
33. *Inorganic fullerene-like material and nanotubes, and crystalline films on amorphous substrates*, KU-Leuven-Weizmann symposium on Surfaces and Interfaces in materials, Leuven (1996).
34. *Inorganic Fullerene-like Materials from 2-D Layered Compounds*, Euroconference: International Winter School on Fullerene and Fullerene Nanostructures, Kirchberg, March (1996).
35. *Diamond Electrochemistry*, Gordon Conference on Diamond Research, Plymouth College (New-Hampshire), August (1996).
36. *2-D Crystallization of Layered Metal Dichalcogenides on Amorphous Substrates*, in Photoeffects at Semiconductor-Liquid Interface, 211 ACS Meeting, New Orleans, March (1996).
37. *Inorganic Fullerene-like Structures and Nanotubes of MX_2 (M=W,Mo;X=S,Se)*, 1st Union of Israeli Materials Societies, Netanya, April (1996).
38. Discussion leader in *3rd Europ. Workshop Electrochem. Processing Semiconductors*, Paris, November (1996).
39. *Semiconductor/p-type Diamond Junctions*, 192st meeting of the Electrochemical Society, Paris, September (1997) (not attended)
40. *Application of Inorganic Fullerene-like Materials as Tribological nanocomposites,* R. Tenne et al., 191st Meeting of the Electrochemical Society, Montreal, May (1997).
41. Fundamental and Applications of Diamond Films, Tokyo, March (1997). (not attended)
42. *Inorganic fullerene-like structures: synthesis, characterization and potential applications*, Isr. Chem. Soc. Meeting, Tel-Aviv, February (1998) *.
43. *Electrochemistry and photoelectrochemistry of inorganic fullerene-like MoS_2 (WS_2)*, 49th ISE Annual Conference, Kita Kyushu, Japan, September (1998) **.
44. *Inorganic fullerene-like materials*, Meeting of the European Network on Nanotubes, NAMITEC-NEDO, Nantes, France, October (1997).
45. *Inorganic nanotubes*, XII Intl. Winterschool, Electronic Frontier of Novel Mater., Kirchberg, Austria, March (1998).
46. *Tribological applications of inorganic fullerene-like materials*, MRS fall meeting, "5th Intl. Meeting of Dynamics in Small Confining Systems", Boston, US, December (1998).
47. *Inorganic fullerene-like materials and nanotubes*, MRS fall meeting, session on "Carbon Nanotubes, Fullerenes and Related Carbon Materials", Boston, US, December (1998).
48. *Diamond electrochemistry: a critical review*, "2nd Intl. Symp. Diamond Electrodes", Univ. Tokyo, June (1998).
49. *Fullerene-like materials and nanotubes from inorganic layered compounds*, Isr. Chem. Soc. Symp. in Honor of Wolf Prize Recipients (G. Hertel and G. Somorjai**)**, Tel-Aviv, May (1998).
50. *Fullerene-like materials and nanotubes from inorganic layered compounds*, Slovenia-Israel meeting New Mater., Ljubljana, August (1998).
51. *Fullerene-like materials and nanotubes from inorganic layered compound***, 49th meeting Intl. Electrochem. Soc., Kitakyushu, September (1998).
52. *Fullerene-like materials and nanotubes from inorganic layered compounds*: *status report*, Electrochem. Ordered Interfaces, Sapporo, September (1998) **.
53. *Study of semiconductor interfaces with the Van de Graff*, Symp. for the 40th Anniversary of the Rehovot Van de Graaff, Rehovot, October (1998).
54. *Fullerene-like materials and nanotubes from inorganic layered compounds*: *status report*, Binational Israel-Japan Symposium on Supramolecular Materials, Jerusalem, February (1999).
55. Sixth Intl. Conf. Composite Eng., ICCE/6, July (1999) Orlando, USA (not attended).
56. 3rd Intl. Mini-Symposium Diamond Electrochem. Related Topics, June, Tokyo (1999).
57. 2nd Chemsitry and Physics of Multifuntional Materials, Sant Feliu de Guixols, Spain, September 1999.
58. Photoelectrochemistry symposium of the 196th Electrochem. Soc. Meeting, Hawaii (1999) (not attended)
59. *Nanotubes*, The 9th Israeli Materials Engineering Conference (IMEC-9), Haifa, December (1999).
60. *Inorganic fullerene-like materials and inorganic nanotubes*, 18th Annual Meeting of the Isr. Vac. Soc., Weizmann Institute, November (1999).
61. *Inorganic fullerene-like materials and inorganic nanotubes*, Kirchberg Meeting, March (2000).
62. *7th Annual Intl. Conf. on Composites Engineering*, Denver, July (2000).
63. *Frontier-Science Research Conference, Science and Technology of Crystal Growth and Epitaxy*, April, La Jolla, CA (2000).
64. *Fullerene-like materials and nanotubes from inorganic layered compounds*, Isr. Chem. Soc. Symp. in Honor of Wolf Prize Recipients (F. A. Cotton), Tel-Aviv, May (2000).
65. *Fullerene-like materials and nanotubes from inorganic layered compounds*, NTS, Zichron Yaakov, May (2000).

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67. *Hollow nanoparticles of WS_2 as superior solid lubricant*, AGIL 2000 and Mediterranean Symp. Tribology, Jerusalem, November (2000).
68. *Inorganic fullerene-like materials and inorganic nanotubes: from synthesis to applications*, Nanotube 2001, Berlin, July (2001).
69. First International Conference on Applied Statistical Physics: Molecular Engineering (ASTAPHYS-MEX-2001)" (July 2001). (not attended)
70. *Inorganic fullerene-like materials and inorganic nanotubes from layered compounds*, Symposium on the Impact of solid state and materials chemistry on current technologies of the April ACS meeting, San-Diego (2001).
71. *Inorganic fullerene-like materials and inorganic nanotubes from layered compounds,* 35th Meeting of the Isr. Micr. Soc., Technion, May (2001).
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74. *Solid state synthesis and characterization of inorganic nanotubes and inorganic fullerene-like materials*, Intl. Symp. Solid State and Mater. Chem., Indian Institute of Science, Bangalore, December (2001).
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77. *Applications of inorganic fullerene-like materials*, 67th Isr. Chem. Soc., Jerusalem, January (2002).
78. *Inorganic fullerene-like materials and inorganic nanotubes from basic science to applications*, Symp. Am. Comm. for the Weizmann Institute, Palm Beach, January (2002).
79. *Inorganic fullerene-like materials and inorganic nanotubes from basic science to applications,* 14th US National Congress of Applied Mechanics, Virginia Tech, June (2002).
80. *Inorganic fullerene-like structures and inorganic nanotubes, new nanomaterials for electrochemistry, photoelectrochemistry and photocatalysis*, IPS-14, Sapporo, August (2002).
81. *Inorganic fullerene-like structures and inorganic nanotubes*, VIth Intl. Symp. on Self-Propogating High-Temperature Reactions, Haifa, February (2002).
82. *Inorganic fullerene-like structures and inorganic nanotubes*, Nanoparticle Symp., 201st (Centenary) Meeting of the Electrochemical Society, Philadelphia, May (2002).
83. *Tribological behavior of inorganic fullerene-like nanoparticles*", L. Rapoport and R. Tenne, Meeting of the Isr. Soc. Mater. Processing, Ramat Efal, October (2001).
84. *Recent progress in the synthesis and characterization of nanotubes and fullerene-like nanoparticles from 2-D layered compounds*, Fullerenes and Nanotubes Symp., 201st ECS Meeting, Philadelphia (2002).
85. *Inorganic fullerene-like structures and inorganic nanotubes, new nanomaterials for electrochemistry, photoelectrochemistry and photocatalysis*, Annual Meeting of the Electrochemical Soc. (Israeli Section), Bar-Ilan University, June (2002).
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87. *Inorganic nanotubes and fullerene-like materials from layered compounds: from concept to applications*, 7th FIGIPS Conf. on Inorganic Chemistry, Lisbon, June (2003)*.
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90. *Inorganic nanotubes and fullerene-like materials*, The Gerischer Symposium (opening session), 203rd ECS Meeting, Paris, May (2003).
91. *Inorganic nanotubes and fullerene-like materials, from concept to applications**, Inter. Mater. Congress. Cancun, Mexico, August (2003)*.
92. *Inorganic nanotubes and fullerene-like materials,* Gordon Conference, "Modern Developments in Thermodynamics", Ciocco in Castelvecchio Pascoli, Toscany, May (2003), (not attended)
93. *Inorganic nanotubes and fullerene-like materials*, "Nanotubes-03", Seoul, Korea, July (2003).
94. *Inorganic nanotubes and fullerene-like materials*, "NanoCenter Inaguration Symp.", Hebrew University, Jerusalem, November (2003).

95. *Inorganic nanotubes and fullerene-like materials,* The 5th Pacific Rim Intl. Conf. Adv. Mater. Process, Bejing, November (2004).
96. 3rd Singapore International Chemical Conference (SICC-3), Singapore, December 2003 (not attended)
97. *Inorganic nanotubes and fullerene-like materials*, ESF Conf., "From Clever Molecules to Smart Materials Euroconference", Tomar, Portugal, September (2004).
98. *Inorganic nanotubes and fullerene-like materials*, Germany-Israel meeting on Nanochemistry, Marburg, May (2004).
99. *New inorganic nanoparticles: from concept to applications*, Day of Science of the Weizmann Institute in the UN Headquarters, New York July (2003).
100. *New inorganic nanoparticles: from concept to applications*, Discourse for the Weizmann Friends in the UK, Royal Institution of London May (2004).
101. *Inorganic nanotubes and fullerene-like materials*, Frontiers in Chemical Physics Workshop, U. of Tennessee, February (2004).
102. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, Poland-France-Israel Meeting on Spectroscopy of Modern Materials, Poznan, September (2004).
103. *Discussion leader of the Materials Section*, World Technology Summit, San Franciso, October (2004).
104. *Inorganic nanotubes and fullerene-like materials: from concept to applications,* Sweden-Israel Forum on Applications of Nanotechnology for Water Treatment, October (2004).
105. *Inorganic nanomaterials: from concept to applications,* "Science on Sea" (Weizmann Institute Cruise), October (2004).
106. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, The 1st Intl. Conf. on One Dimensional Nanomaterials, Taipei, January (2005).
107. *Mechanical properties of inorganic nanotubes and fullerene-like materials (IF)*, Isr Chem. Soc. Meet., Tel-Aviv, February (2005).
108. Inorganic Nanomaterials, Europ. Ceram. Soc., Portoroz, Slovenia, June (2005). (not attended)
109. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, German-Israeli Meet. Nanotubes Nanowires, Dresden, June (2005).
111. *The use of electron microscopy in the research of inorganic nanotubes and fullerene-like material.*, XII Intl. Conf. Microscop. Solids, Kazimierz Dolny, Poland, June (2005)**.
111. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, Univ. Louis Pasteaur-Weizmann Institute Meet., Strasburg, September (2005)**.
112. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, Annual meeting of the Nano-Center of Tel-Aviv University, Maagan, April (2005)**.
113. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, special seminar, Univeristy of California at Los Angeles, May (2005).
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115. *Inorganic nanotubes and fullerene-like materials: from concept to applications*, Eco-Nano Conference, Tel-Aviv University, May (2005).
116. *New nanomaterials from concept to applications*, Symposium "Research-Training in Nanosciences and Nanotechnologies: Current Status and Future Needs", EU Headquarter, Brussels, April (2005).
117. 71st Isr. Chem. Soc. Meeting, Tel-Aviv, February (2006)*.
118. Jubilee Symposium on Nanotechnology of Bar Ilan University May (2006).
119. International Conference of Nanoscience and Technology (ICONSAT 2006), New Delhi, March (2006).
120. E-MRS, Nice, France, June (2006).
121. MRS Meeting (MRS Medal presentation), Boston, November (2005)**
122. 7th Isr. Sec. Electrochm. Soc., Bar-Ilan Univ., March (2006)*.
123. 12th Isr. Mater. Eng. Conf. (IMEC-12), March (2006)*.
124. MRS- Fall meeting, Boston, November (2006).
125. FullMat IHP network of the EU, Budapest, April (2006)*.
126. Isr. Innov. Summit, Haifa, April (2006)**.
127. Micro- to Nano-Photonics ROMOPTO Meeting, Sibiu, Romania, August (2006)*.
128. Minerva School on Biological and Bio-inspired Materials, Berlin, May (2007).
129. NATO Advanced Study Institute, Functionalized Nanoscale Materials, Devices, and Systems, Sinaia, Romania (2007).
130. IUMRS-ICAM 2007, International Conference on Advanced Materials, Bangalore, October (2007).
131. Israel-Taiwan meeting on Advanced Nanotechnologies, Jerusalem, May (2007).
132. First International Meeting on Recent Developments in the Study of Radiation Effects in Matter. Playa del Carmen, Q. Roo, México, December (2006).

133. Lectures to professors and students via Video Conferencing at the invitation of Prof. Atta-ur-Rahman, FRS Chairperson, the Higher Education Commission of Pakistan, October (2007)
134. LASERION 2007, Schloss Ringberg, Germany July (2007)
135. Israel-Germany Workshop on HRTEM, Technion City, Haifa, October (2006)
136. 4th All-Russian Kargin conference, "Polymer Science for 21st Century", Moscow, January (2007)
137. First Symposium on Transition Metal Chalcogenide Nanostructures (TMCN07), Dresden, March (2007)#
138. German workshop on Nanowires and Nanotubes, Fulde, June (2007)**
139. EPFL colloquium, Lausanne, October (2007)
140. 17th Symposium Cond. Matter Phys.- SFKM 2007, Serbian Physical Society, Vrsac, September (2007)#.
141. IUPAC Workshop on Advanced Materials, Krabi, Thailand, December (2008). Conference was canceled
142. High-Accuracy Nanomechanical Research in the Nordic Countries, Helsinky University of Technology, May (2007)**
143. Ukraine-Israel binational workshop, Beer Sheva, September (2007)
144. 9th Workshop on Nanooscience and Nanotechnology, Sofia, November (2007)#
145. Industry-Academia Workshop on Nanotubes Applications, Technion, November (2007)#
146. Americas Innovation Forum (Forom Interamericano de Innovacion), Montevideo (Uruguay), April (2008).
147. FOREMOST Project semi-annual meeting, Weizmann Institute, February (2008)#
148. US-Airforce-MAFAT (Israel) Nanotechnology meeting, San Francisco, April (2008)
149. NanoBio Conference, NATO ARW, St. Petersburg, June (2008)
150. Legal Conference: Law meets Industry: Biosciences Patents, Haifa University, June (2008)
151. Transition Metal Chalco/ Halide Nanostructures (TMCN 2008), Portorož, Slovenia, May (2008)**
152. Society of Tribologists and Lubrication Engineers, Cleveland, OH, May (2008)
153. Molecules & Materials: New Directions, Bangalore, India, December (2008)
154. Vien-Nano 09, 3rd Vienna Intl. Conf. Nanotech, Vienna, March (2009)*
155. "1st Julius Springer Forum for App. Phys." (under the auspices of 4 Nobel Laureates) Harvard University, September (2008)
156. Israel Nano, 1st Isr. Conf. Nanosci. & Nanotech., Jerusalem, March (2009)*
157. Intl. Conf. Quantum Transport and Fluctuations Nanoscale, Montenegro, September (2008)#
158. 9th Intl. Fullerene Conference (IWFAC 2009), St. Petersburg, July (2009)*#
159. Intl. Conf. on Boundary Lubrication, Seville, April (2009)**
160. TMCN-09, Workshop on Nanostructures of Metal Chalcogenides and Halides, Taormina-Sicily, May (2009)
161. Israel Chemical Society 74th meeting, Tel-Aviv, February (2009)*
162. CM 2009 and MFPT 2009 (Mechanical Failure Analysis Conf.), Dublin, June (2009)**
163. NanoDam, Sabanci Univ., Turkey, June (2009)**
164. Israel-China Workshop on Tribology, Technion, June (2009)
165. BCEIA 2009, Beijing, November (2009)**
166. 17th Intl. Colloq. Tribol., Stuttgart, January (2010)
167. MRS Spring meeting, San Francisco, April (2010)
168. Meeting of the Ambulatory Orologists, Kfar Blum, June (2009)
169. INNT01, 1st workshop on Inorganic Nanotubes, San Sebastian, September (2009)#
170. CIMTEC 2010 - 12th Intl. Ceramics Cong. & 5th Forum New materials, Montecatini Term, June (2010)
171. RussNano 2nd Intl. Conference on Nanostructures, Moscow, October (2009)
172. 240th ACS National Meeting (Division of Fuel Chemistry), Boston, August (2010)**
173. NATO-ASI School on Bionanotechnology, Chisinau-Moldava, June (2010)
174. The 14th Israel Materials Engineering Conference, IMEC-14, December (2009)**
175. Colloquium at iNANO, University of Aarhus, Denmark, March 2010.
176. 7th Intl. Conf. Condition Monit. (CM2010), Stratford-upon-Avon, UK, June (2010)**
177. The 5th Intl. Conf. on Nanotech. for the Plastics Industry, Shenkar College, Ramat Gan, February (2010)#
178. Board of Governors Meeting, Ben-Gurion Univ., May (2010)*
179. ICONSAT 2010, Intl. Conf. Nano Sci. & Tech., Mumbai, February (2010)**
180. 1st European Inorganic Chemistry Conference (EICC), Manchester, April (2011)*
181. Colloquium of Materials Sci.& Eng., Stanford University, April (2010)
182. NMP (Nanotechnology-materials-production of FP6 and FP7) advisory board workshop, Brussels, November (2010)
183. E-MRS Symp. 11 E: From photophysics to optoelectronics of zero- and one-dimensional nanomaterials, Nice, May (2011)
184. TMCN11, Lausanne, June (2011)
185. Joint workshop at Northwestern Univ of NWU, Israel and JNC-Ceneter Jakkur-India, March (2011)#

186. XIX Medeleev Congress on General and Applied Chemistry, Volgograd, September (2011)[**]
187. The Ruđer Bošković 300th year memorial symp., Dubrovnik, May (2011)
188. MRS, Spring Meeting, San Francisco, April (2012)
189. Workshop in honor of Prashant Khamat, Univ. Pierre et Marie Curie (Paris VI), July (2011)
190. SloNano, Ljubljana, October (2011)[#]
191. The 9th Intl. Conf. Condition Monitoring Mechanics&Failure Prevent. Tech. (CM 2012), London (2012)
192. Israel Academy of Sciences entrance session, Jerusalem, December (2011)
193. PICO 2012 Symposium/70th Birthday Colloquium honoring Knut Urban, Jülich, February (2012)
194. International Federation of Nonlinear Analysts Conference (IFNA), Athens, June (2012)[**]
195. Nano Technology-Materials and Composites for Frontier Applications (NANOCON 012), Pune, Oct. (2012)[*]
196. 2nd Adriatic School on Nanoscience (ASON-2) Dubrovnik, September (2012)[#]
197. TMCN12, Mainz, July (2012)
198. Frontiers of Science- Weekend Popular Science Seminar, Maleh Hachmisha, May (2012)
199. 8th Annual Turkish Nanoscience and Nanotechnology Congress- NanoTk VIII, Ankara, June (2012)
200. Engineering Conference International meeting, Barcelona, September (2013)
201. IUMRS-ICAM conference, Qingdao, China, August (2013)[*]
202. 2nd EuCheMS Inorganic Chemistry Conf., Jerusalem, July (2013)[**]
203. "Flatlands Beyond Graphene", Jacobs University, Bremen, July (2013)[#]
204. Workshop of "COINAPO" COST action, Ercolano (Naples), March (2013)[#]
205. Symp. Z, MRS Spring meeting, San Francisco, April (2013)
206. Ort-Braude 4th Industry-Academia Conf., Carmiel, March (2013)[*]
207. Minerva Meeting on Nano-education, Weizmann Institute, March (2013)[*]
208. Convention of Urologists, Kfar Blum, May (2013)[**]
209. "Bangalore India Nano", Bangalore, December (2013)[*]
210. "Advanced Materials: Current Trends and Future Prospects", Manali (India), May (2014)
211. 15th Asian Chemical Congress (ACC), August, Singapore (2013)
212. "Enhanced Functionalities in 5d Transition Metal Compounds from Large Spin-Orbit Coupling", Telluride (US), July (2013)[#]
213. *NANO14*, Moscow, July (2014)[**]
214. *NanoIsrael14*, Tel Aviv, March (2014)[*]
215. *COMPO 2014, Nanocomposites, Biocomposites, and their Interfaces*, WIS, April (2014)
216. *Flatland Beyond Graphene*, Dublin, July (2014)
217. *Am. Phys. Soc. (APS) March meeting*, Denver, March (2014)- could not make it for technical reasons.
218. *Cambridge-JNCASR Winter School on "Frontiers in Materials Science"*, Bangalore, December (2013)
219. *Directions of Materials Science*, Bangalore, November (2013)
220. *CECAM workshop on Two-dimensional inorganic materials (2DIM): property simulations from band structure to devices*, Lausanne, January (2014)
221. *MANA Intl. Symp*., Tsukuba, March (2014)
222. *ECAPD 2014*, Vilnius, July (2014)-
223. *7th Intl. Conf. Mater. Sci. and Cond. Matter Phys*., Chisinau, September (2014)[*]
224. *MRS Fall meeting*, Boston, December (2014)[#]
225. *Shechtman conference*, Cancun, June (2014)
226. *The Europe-Africa Polymer Processing Society meeting*, Tel-Aviv, October (2014)[*]
227. *Nanomaterials: Applications & Properties*, Lviv, September (2014)
228. *MPI-Gölm-Weizmann Inst. Minerva meeting on Functional Materials*, Potsdam, November (2014)[**]
229. *Conference of Orthopedics*, Tel-Aviv, November (2014)
230. *Isr. Acad. Sci.-Leopoldina 50 years of cooperation*, Jerusalem, November (2015)
231. *ACNS2015, 12th Int. Conf. Adv. Carbon Nanostr*., St. Petersburg, June (2015)[*]
232. *E-MRS: Symposium V: Bioinsp. Biointegrated Materials as Frontiers Nanomater*., Lille, May (2015)
233. *80th Israel Chemical Society meeting*, Tel-Aviv, February (2015)
234. *39th National Mechanical Eng*., Taipei, Taiwan, November (2015)[*]
235. *Nanotechnology from Academia to Industry*, Holon Institute of Technology (HIT), Israel, April (2015)
236. *Symposium Honoring Ori Cheshnovsky*, Tel Aviv Univ., March (2016)
237. *Materials Chemistry Conference*, Valencia, Spain, March (2016)[**]
238. *Flatlands- Beyond Graphene*, Bled, Slovenia, July (2016)[*]
239. *Collaborative Conference on 3D and Materials Research* (CC3DMR), Incheon, Korea, June (2016)
240. *12th Nanoscience and Nanotechnology Conference* (NANOTR-12), Istanbul, June (2016)[*#]
241. *Topology Meets Materials*, WIS-MPI-Dresden workshop, Rehovot, February (2016)

242. *Material Technologies and Modeling Conference*, MMT-2016, Ariel University, Ariel, July (2016)*
243. *Materials Chemistry Conf*., Berlin, July (2017)
244. *E-MRS Spring meeting: Symp.k: Bioinspired Nanomaterials*, Strasburg, May (2017)**
245. *Flatlands- Beyond Graphene-17*, Lausanne, Switzerland, August (2017)
246. *232nd ECS Meeting*, National Harbor, Maryland, USA, October (2017)
247. "*3rd SALVE Symposium* - instrumentation and application, low-dimensional structure preparation, property calculation-", Ulm University, December (2017)#
248. *Dan Meyerstein 80th birthday Symp*., Ariel University, Ariel, October (2018)
249. *Flatlands-Beyond Graphene-18*, Leiptizg, Germany, September (2018)#
250. Special plenary lecture in *Ariel University*, Ariel, January (2018)*
251. *3rd Erwin Schrödinger Symposium 2018* of the Erwin Schrödinger Society for Nanosciences: Progress in Interfacial Nanosciences, Dornbirn, Austria, July (2018)**#
252. *Italy-Israel Meeting on Strategic Materials and Technologies for Industrial Innovation*, Catania, October (2018)
253. *Chemistry Colloquium*, Weizmann Institute of Science, April, Rehovot (2018)
254. *The 5th Intl. Conf.: Advances in Synthesis and Complexing,* RUDN University, Moscow, April (2019)*
255. *10th International Conference on Materials for Advanced Technologies (ICMAT 2019), Symp X - Von Hippel Award Symposium in Honor of Prof CNR Rao FRS*, Singapore, June (2019)
256. *Lecture at the Institute for Organic Solar Cells (LIOS)*, Johannes Kepler University of Linz, hosted by the *Austrian Academy of Sciences*, June (2018)
257. *The 10th Int. Conf. Mater. Tech.&Modeling (MMT-2018)*, Ariel University, Ariel, August (2018)
258. *Solution Processed Thin Films, Quantum Dots and Solar Cells, in honor of Prof. G. Hodes*, WIS, Dec. (2018)#
259. *10th Intl. Conf. Mater. for Adv. Tech. (ICMAT 2019), "Symp X - Von Hippel Award Symp. in Honour of Prof CNR Rao FRS"*, Singapore, June (2019)**
260. *APS March Meeting*, Boston, March (2019)
261. *Mini-course on 2D-Materials*, CITEC, Brno, January (2019)
262. Perspective on 2D materials, *Flatlands beyond Graphene*, Toulouse, September (2019)**
263. *Winter-school on 2D-Materials*, Weizmann Institute, January (2019)
264. *Breaking Resolution Barriers in Electron Imaging*, Weizmann Institute, April (2019)
265. *Int. Union Vac. S&T Assoc. (IVC-21) Congress*, Malmo, July (2019)*
266. *11th ann. Rec. Prog. Graphene and 2D Mater. Res. Conf. (RPGR2019)*, Matsui, Japan, Oct. (2019). Cancelled
267. *MMT 20 Conf.* honoring 75th Michael Zinigrad birthday, Ariel Univ., Sep. (2020), Postponed to July (2022)
268. *CIMTEC,15th Intl. Ceramics Cong. & 9th Forum on New Mater*., Montecatini Terme, Italy, June (2022).
269. *22nd Sede Boqer Symposium on solar energy research*, Sede Boqer, September (2019)
270. *Israel-Italy Binational Workshop on 2D-Materials*, Bar-Ilan University, November (2019)**
271. *HeteroCarbNano 2020*, Benasque (Spain), December (2019)
272. *Chemistry Colloquium*, Bar-Ilan University, December (2019)
273. *Advances in Inorganic Chemistry* (www.panch2020.sci.muni.cz), Brno, June (2020)*, Posponed, June (2021)
274. *The 7th Int. Workshop on Adv. Spectr. and Optical Mater.* (*IWASOM-20*), Gdansk (Poland), July (2020), Cancelled
275. *Directions in Materials Research*, JNCASR Bangalore, June (2020).* Cancelled
276. *SALVE 2D20*, Ulm University (Germany), Postponed from July 2020 to April (2022)
277. *The 2nd Int. Online Conf. on Crystals (IOCC*), hosted by Crystals (MDPI Journal), November (2020)
278. *Nanotechnology based innovation in nanotechnology for the environment*, NINE2021, Salerno, March (2021), on-line www.aidic.it/nine2021/*
279. *4th Online Intl. Conf. Sci.&Eng. Mater*., Sharda Univ. (Delhi), July (2021), on-line
280. *World Nano Cong. Adv. Sci. and Tech.* (WNCST-2021), Vellore Inst. Tech., Vellore, March (2021)**, on-line
281. *Flatlands Beyond Graphene*, Lanzarote (Canary) Island, September (2022)#
282. *Molecules, Materials and Devices with Advanced Functionalities*, Ariel University, April (2022)
283. *Minisymposium on Inorganic Nanotube Devices*, Ben Gurion University, Beer Sheva, August (2022)
284. *Joint Royal Society-Isr. Acad. Sci. Human. Symposium on Materials*, Manchester, September (2022)
285. Science Policy in Israel, an after-dinner talk. *Joint Royal Society-Isr. Acad. Sci. Human. Symposium on Materials*, Manchester, September (2022)
286. *63rd Fullerene-Nanotube-Graphene General Symposium*, Japan, August (2022), on-line
287. *CIMTEC forum on new materials*, Perugia, June (2022)
288. *HeteroNanoCarb-2023*, Benasque, January (2023)*
289. *ACS Spring Meeting*, Indianapolis, March (2023)**
290. *Symp. honoring the 70th birthday of Gotthard Seifert**; Dresden, June (2023)*; cancelled owing to clash of dates
291. *NINE2023- the 5th Int. Conf. Nanotech. Based Innov. Appl. Environ*., Venice, June (2023)*
292. *Flatlands Beyond Graphene*, Prague, September (2023)#

293. *Savle 2023*, Ulm, September (2023); cancelled due to clash of dates
294. *IEEE Nanotechnology Materials and Devices Conference*, NMDC 2023, Paestum, Italy, October (2023)*; lecture given by ZOOM due to the war.
295. *Recent Advances in Materials (RAM-90)*, JNCASR, Jakkur, India, December (2023). Trip cancelled due to the war
296. *Int. Symp. on Dielectric Materials and Appl., 8th edition*, Orlando, Florida, May (2024)**#
297. *HeteroCarboNano-2025*, Benasque, January (2025)
298. *Flatlands Beyond Graphene*, Wroclaw, September (2024)#
299. *57th Meeting of the Israel Society of Microscopy*, Ben Gurion University, May (2024)*
300. *Symp. honoring Prof. Yoram Shapira 80th birthday*, Tel Aviv Univ., June (2024)#
301. *Symp. Honoring the retirement of Dr. Hagai Cohen*, Weizmann Institute, September (2024)
302. *The Kanatzidis International Symposium on Materials/Solid State Chemistry and Nanoscience for Sustainable Development*, Heraklion, October (2024) (attended via ZOOM)
303. *HeteroNanoCarb 2025*, Benasque, January (2025). Cancelled for personal reasons
304. *Advances in Solid State Physics and New Materials*, Belgrade, May (2025)*
305. *Winter School, Frontier of Materials Science*, JNCASR Bangalore, December (2024). Cancelled for personal reasons
306. *Int. Conf. on Funct. Nanomater. and Nanodevices* (NANOMAT 2025), Zagreb, September (2025)*
307. *NanoteC25* (https://nanotec25.univie.ac.at/), Faculty of Physics, Vienna University, August (2025)**
308. *Flatlands beyond Graphene 2025*, Milan, September (2025), Declined due to coinciding event
309. *Modern Trends in Civil Engineering and Materials Science* (*MTCEMS 2025*), Ariel Univ., September (2025)*
310. *Int. Conf. on Layered Mater. and Devices: From Atoms to Chips*, INL – Int. Iberian Nanotech. Lab., Braga, November (2025)*
311. *Int. Winterschool in Solid State 2025*, JNCASR, Bangalore, December (2025)**
312. *70th Birthday Symp. Sidney Cohen*, WIS, June (2026)
313. *NT26*, Berlin, August (2026)
314. *7th HeteroNanoCarb*, Benasque, January (2027)
315. *40th Anniversary of the GIF*, Schloss Elmau, June (2026)
316. Opening address, *NanoIL conference*, Jerusalem, February (2027)
317. *QM4ST* (Quantum Mater. for Appl. in Sustainable Technologies) annual meeting, Pilsen September (2026)

* Plenary talk
** Keynote speaker
# Opening session

Advisory boards of international and national meetings
1. *69th Israel Chemical Society Meeting*, Tel-Aviv, February (2004)
2. *E-MRS* Symposium: *Current Trends in Nanoscience-from Materials to Applications*, Strasburg, June (2005)
3. *Union of Mater. Res. Soc.-Intl. Conf. on Adv. Mater.* (IUMRS-ICAM), Bangalore, October (2007)
4. *Nanotubes and Nanowires symposium*, E-MRS, Strasburg, May (2007)
5. *ASI-NATO* School, Sinaia, June (2007)
6. *72th Israel Chemical Society Meeting*, Tel-Aviv, February (2007)
7. *E-MRS* Symposium: *Science and Technology of Nanotubes and Nanowires,* Strasburg, June (2007)
8. *TMCN sereis*, *Transition Metal Chalcogenide/Halide Nanostructures* anual meetings series, (2007-2011)
9. Intl. Conf. *Nano Science & Technology*, *ICONSAT 2010*, IIT, Bombay, February (2010)
10. UK Condition Monitoring Series, Intl. Conf. on NDT, June (2009-2011)
11. *NanoIsrael 2009*, Jerusalem, March (2009)
12. COST action *COINAPO* final meeting, Heraklion, October (2013)
13. *Directions in Materials Science*, Bangalore, November (2013)
14. International Conference on Nanoscience + Technology 2014 (*ICN+T 2014*), Vail (CO), July (2014)
15. Intl. Conf. Nano Sci. Tech. (*ICONSAT-14*)- India Nanosci. Conf., Chandigarh, March (2014)
16. Co-convener a session on nanocomposites in *Nano 14*, Moscow, July (2014)
17. *HeteroNanoCarb* 2015, Benasque (Aragon), December (2015)
18. *Flatlands- Beyond Graphene series* (2012-)
19. *Nanoparticles at the Interface Between Biology and the Materials World*, Weizmann Inst., July (2015)
20. Program committee, *NanoIsrael2016*, February (2016)
21. ACNS2015, 12th *Int. Conf. Adv. Carbon Nanostr*., St. Petersburg, June (2015)
22. *Adv. Mater. Energy, Environ. and Health* (*ICAM 2016*), Ind. Inst. Tech. Roorkee, India, March (2016)
23. *Adv. Mater., Manufact., Manage. and Thermal Sci.* (AMMMT-2016), Siddaganga Inst. Tech., Tumkur, India, April (2016)

24. *HeteroNanoCarb* 2017, Benasque (Aragon), December (2017)
25. *Materials Chemistry Conf*., Berlin, July (2017)
26. *Nanocon 18, 4th Intl. Conf., Nanotech…..,* Bharati Vidyapeeth Univ., Pune, India, Oct. (2018).
27. *ChemPhysMat 2019 Conf*. Honoring the 85th birthday of CNR Rao, Bangaluru, India, February (2019).
28. *HeteroNanoCarb 2019*, Benasque (Aragon), December (2019)
29. *NANOCON 020*, Bharati Vidyapeeth University, Pune, India, October (2020)
30. *2nd (Online) Turkey-Israel meeting on Nanosciences*, October (2020)
31. *Int. Conf. on Nanomater. in Biomedical and It's Appl*., Bharath University, Chennai. India, June (2021)
32. *HeteroNanoCarb-2023*, Benasque, January (2023)
33. *HeteroCarboNano-2025*, Benasque, January (2025)
34. *Advances in Solid State Physics and New Materials*, Belgrade, May (2025)
35. *AIDIC 19th*, Salerno, September (2025)
36. *7th HeteroNanoCarb*, Benasque, January (2027)

Conference (co-) chairperson
1. *4th Bordeaux--Weizmann Institute Annual Meeting*: *Advanced Materials*, Co-Chair with Prof. O. Kedem, Weizmann Institute (1986)
2. As active member of the board of the *Israeli Vacuum Society* and its president I chaired a number of annual meetings and workshops of this society between 1992 to 1996
3. *Weizmann Institute-ETH (Zurich)/EPFL (Lausanne) Forrum on Advanced Materials*, Rehovot (February, 2000)
4. *ETH (Zurich)/EPFL (Lausanne)-UC Santa-Barbara- Weizmann Institute Forrum on Advanced Materials*, Lausanne (September, 2001). Co-charing with Prof. N. Setter (EPFL)
5. *The Gerischer Symposium*, Electrochem. Soc. Meet., Paris (April 2003), Co-Chair with C. Levy-Clement, P. Kamat, W. Jaegermann
6. *Italy-Israel Meeting. Adv. Topics Mater. Res.*, Co-Chair with L. Addadi and D. Cahen, Weizmann Institute, November (2003)
7. *German-Israeli Symp. Nanotubes and Nanowires*, Co-Chair with Prof. Dr. G. Seifert, Dresden (June, 2005)
8. *Minerva School on Biological and Bio-inspired Materials*, Harnack Haus, Berlin, with P. Fraztl, H. Juergen-Butt, and M. Gottlieb, May (2007)
9. *First symposium on Transition metal chalcogenide nanostructures* (TMCN07), Dresden, with D. Tomanek and G. Seifert, March (2007)
10. Symp. Honoring the 80th Birthday of Prof. Moshe Levy (November 2007)
11. *TMCN10*, Transition Metal Chalcogenide Nanostructures, Weizmann Institute, April (2010)
12. *NanoIsrael 2012*, Tel-Aviv, March (2012)
13. *China-Israel meeting on Nanoscience and Nanotechnology*, Tel-Aviv, March (2012)
14. Minisymposium in honor of the 85th Birthday of Prof. E. Grunbaum, Weizmann Institute, March (2012)
15. *COINAPO* (COST action) workshop "inorganic-polymer nanocomposites", Weizmann Institute, November (2012)
16. Symposium O- *Beyond Graphene*, MRS Spring meeting, San Francisco, April (2013)
17. *IUMRS-ICIAM13*, D1. Low-dimensional Nanomaterials for Nanodevices, Qingdao, September (2013)
18. Israel-Greece Symp. *Nanoscience, nanophotonics and bionanotechnology*, Weizmann Inst., October (2014)
19. MRS 2013 Fall meeting, Co-chair of Symp. *Beyond Graphene: 2D Atomic Layers and van der Waals Solids*, Boston, Decmeber (2013)
20. *Nanoparticles at the Interface Between Biology and the Materials World*, (satellite event to *Flatlands beyond Graphene 2015*) Weizmann Institute, July (2015)
21. *2nd Nanotechnology from Academia to Industry*-2016, Holon Institute of Technology, May (2016)
22. *Israel-India Workshop on Nanoscience and Nanotechnology*, Weizmann Institute, February (2016)
23. *2nd Israel-Greece Joint Meeting on Nanotechnology and Bionanoscience*, Heraklion, October (2016)
24. *1st Israel-Turkey Joint Meeting on Nanoscale Sci. and Nanotech*., Weizmann Institute, December (2017)
25. *3rd Meeting on Nanotechnology: from Academia to Industry (NATI)*, Holon Institute of Technology, May (2017)
26. Memorial lecture in honor of the late Prof. Mildred S. Dresselhaus by S. Iijima, Weizmann Institute, May (2017)
27. *4th Meeting on Nanotechnology: from Academia to Industry (NATI)*, Holon Institute of Technology, May (2018)
28. *Co-chair, Winter-school on 2D Materials*, Weizmann Institute, January (2019)
39. *Workshop on New Accelerators in Israel*, Israel National Academy of Sciences, Jerusalem, May (2019)
30. *5th Nanotechnology from Academia to Industry*-2019, Holon Institute of Technology, June (2020)
31. *Advanced Microscopy and Spectroscopic of Nanostructures*, Weizmann Institute, September (2020)
32. *The 2nd International Online Conference on Crystals,* MDPI publishing group-Basel, November (2020)
33. *The 2nd Turkey-Israel meeting on Nano* (on-line), November (2020)

34. 5th *Nanotechnology from Academia to Industry*-2022, Holon Institute of Technology, August (2022)
35. *Royal Soc. (UK)-Isr. Academy of Sci. & Humanities joint meeting on Materials*, Manchester, September (2022)
36. *6th Nanotechnology from Academia to Industry*-2023, Holon Institute of Technology, June (2023)

Session chairperson
1. *2nd International Conference on II--VI Compounds*, Aussois, March (1985).
2. Symposium on *Semiconductor-Electrolyte Interfaces* at the Electrochemical Society Meeting, Montreal, May (1985).
3. Panel Member- *Photoelectrochemical Cells*, 6th International Conference on Photochemical Conversion and Storage Solar Energy (IPS6), Paris (1986).
4. *Photoelectrodes Semiconductrices* (GRECO), Ecole Polytechnique, Massy-Palaiseau (1988).
5. European Workshop on "*Electrochemical Processing of Semiconductors*", Berlin (1989).
6. Symposium on "*Fractals and Porous Surfaces"*, Electrochemical Society Meeting, Montreal, May (1990).
7. Symposium on "*Photoelectrochemisrty* ", Electrochemical Society Meeting, Wahsington, May (1991).
8. Symposium on "*Characterization of Thin Film Semiconductors and Interfaces*", Electrochemical Society Meeting, Toronto, October (1992).
9. "*New Trends in Photoelectrochemistry*", Tokyo, March (1994).
10. Symposium on *Fundamental and Applied Studies of 2-D Metal Chalcogenide materials*, Electrochemical Society Meeting, Chicago, October (1995).
11. *Israel Chemical Society session in the AGIL* (Union of Materials Societies of Israel), Jerusalem, May (1996).
12. *Sde Boker conference on Solar Energy Conversion*, March (1996).
13. *International symposium on Fullerenes*, Jerusalem, May (1996).
14. *3rd Intl. Meeting on New Trends in Photoelectrochemistry*, Estes Park, USA, May (1997).
15. *Fullerene Symposium*, 191th Electrochemical Society Meeting, Montreal, May (1997).
16. *4th FGIPS Meeting in Inorganic Chemsitry*, Korfu, October (1997).
17. *Israeli Vacuum Society/Israeli Association of Crystal Growth* joint meeting (Fall 1997).
18. *Inorganic nanotubes*, XII Intl. Winterschool, Electronic Frontier of Novel Mater., Kirchberg, Austria, March (1998).
19. *49th ISE Annual Conference*, Kita Kyushu, Japan, September (1998).
20. *10th Intl. Conf. Vapor Growth and Epitaxy* (ICVGE-10), Jerusalem (1998) and *12th Intl. Crystal Growth Conf* (ICCG-12), Jerusalem (1998) (pleanary and regular sessions).
21. *Diamond electrochemistry: a critical review*, "2nd Intl. Symp. Diamond Electrodes", Univ. Tokyo, June (1998).
22. *49thIntl. Electrochem. Soc. Meeting*, Kitakyushu, Spetember (1998).
23. *Binational Israel-Japan Symposium on Supramolecular Materials*, Jerusalem, February (1999).
24. *64th Israel Chemical Society Meeting*, Bar-Ilan University, March (1999).
25. *65th Israel Chemical Society Meeting*, Ben-Gurion University, February (2000).
26. *Annual Conf. Isr. Mechanical Eng*., Beer-Sheva, June (2000).
27. *66th Israel Chemical Society Meeting*, Tel-Aviv, February (2001).
28. 20th *Isr. Vacuum Soc. Annual Meeting*, Tel-Aviv, February (2001).
29. EPFL-ETH-WIS-UCSB meeting, Lausanne, September (2001).
30. Israel Vacuum Soc. annual meeting, Tel-Aviv, June (2001).
31. 5th Fullerenes and Atomic Clusters, St. Ptersburg, July (2001).
32. NT01, Potsdam, July (2001)
31. *XIIth International Symposium on Supramolecular Chemistry (ISSC XII)*, Israel, Summer (2002).
32. *Nanotec-01*, Sussex University, September (2001)
33. ETH (Zurich)/EPFL (Lausanne)-UC Santa-Barbara- Weizmann Institute Forrum on Advanced Materials, Lausanne (September, 2001). Co-charing with Prof. N. Setter (EPFL)
34. *XXII Intl. Union Cryst. Cong*., Geneva, August (2002)
35. Opening session (with C. Lévy Clement), The *Gerischer Symposium*, 203rd ECS Meeting, Paris, May (2003)
36. Opening session, IUVSTA-Isr. Sci. Found. Workshop, *Electronic Processes and Sensing on the Nanoscale,* Weizmann Institute-Eilat, May (2003)
37. Opening session, *Annual Meeting of the Isr. Vacuum Soc*., Tel-Aviv, October (2003)
38. Plenary Session, IMEC-11, Israel Materials Engineering Conference, Haifa, December (2003)
39. Opening Session, *Italy-Israel Meeting. Adv. Topics Mater. Res.* Weizmann Institute, November (2003)
40. Opening plenary session, *69th Isr. Chem. Soc. Meeting*, Tel-Aviv, February (2004)
41. *Poland-France-Israel Meeting on Spectroscopy of Modern Materials*, Poznan, September (2004)
42. *The 5th Pacific Rim Intl. Conf. Adv. Mater. Process*, Bejing, November (2004)
43. *Scanning Probe Microscopy Israel* 2005, Holon Inst. Tech., June (2005)
44. NT-06, Nagano, June (2006)

45. *First Intl. Meeting on Recent Developments in the Study of Radiation Effects in Matter*, Playa del Carmen, Q. Roo, México, December (2006)
46. *MRS Fall Meeting*, "Nanotubes and Nanowires" symposium, Boston, November (2006)
47. *Bioinpsired Materials*, Minerva sponsored school, Berlin, May (2007)
48. *LaserIon 2007*, Schloss Ringberg, near Munich, July (2007)
49. *IMEC-13*, *Isr. Mater. Eng. Conf.*, Haifa, December (2007)*
50. *Holland-Israel Symp. on Adv. Mater*., Weizmann Institute., November (2007)*
51. *Isr. Vacuum Soc*. *Meeting*, Tel Aviv, October (2008)
52. 74th *Isr. Chem. Soc*., Tel-Aviv, February (2009)
53. *Jacob Klein 60th Anniversary Symp*., Weizmann Inst., June (2009)
54. *17th Intl. Colloq. Tribology*, Stuttgart, January (2010)
55. *1st workshop on Inorganic Nanotubes (INT-1)*, San Sebastian, September (2009)
56. *6th and 7th Intl. Conf. Condition Monit.* (CM2009 and 2010), Dublin & Stratford-upon-Avon, UK, June (2010)**
57. *IMEC-14*, 14th Israel Mater. Eng. Conf., Tel Aviv, December (2009)
58. *ICONSAT 2010*, Intl. Conf. Nano Sci. & Tech., Mumbai, February (2010)
59. *240th ACS National Meeting* (Division of Fuel Chemistry), Boston, August (2010)*
60. *LaserIon 2010*, Schloss Ringberg, July (2010)
61. *NanoIsrael 2010*, Tel-Aviv, November (2010)
62. *76th Isr. Chem. Soc. Meeting*, Tel-Aviv, February (2011)
63. *Nanocon12*, Pune, India, October (2012)
64. *MRS* meeting (Beyond graphene-O symp.), March (2013)
65. *COINAPO* meeting, Ercolano, March (2013)
66. *2nd EuCheMS*, Inorganic Chemistry Conf., Jerusalem, July (2013)**
67. *Nanowires-13*, Weizmann Institute, November (2013)*
68. *Directions in Materials Science*, Bangalore, November (2013)
69. Memorial session to Prof. E. Grünbaum, *Isr. Soc. Microscopy* annual meeting, May (2014)
70. *COMPO2014*, Weizmann Institute, May (2014)
71. *ECAPD 2014*, Vilnius, July (2014)
72. MRS Fall meeting, Boston, December (2014)
73. *Coherence and Control in the Quantum World, Weizmann Institute*, December (2014)
74. *E-MRS*: Symposium V: *Bioinsp. Biointegrated Materials as Frontiers Nanomater*., Lille, May (2015)
75. *ACNS2015*, *12th Int. Conf. Adv. Carbon Nanostr.*, St. Petersburg, June (2015)*
76. *Flatlands- Beyond Graphene*, Bar-Ilan University, July (2015)
77. *Nanoparticles at the Interface Between Biology and the Materials World*, Weizmann Institute, July (2015)
78. *HeteroNanoCarb* 2015, Benasque (Aragon), December (2015)
79. *NanoIsrael 2016*, Tel Aviv, February (2016)
80. *Israel-India Workshop on Nanoscience and Nanotechnology*, Weizmann Institute, February (2016)
81. *Flatlands- Beyond Graphene*, Bled, Slovenia, July (2016)*
82. Materials Chemistry Conference, Valnencia, Spain, March (2016)
83. *2nd Greece-Israel meeting in Nanotechnology and Nanobiosciences*, Heraklion, October (2016)
84. *E-MRS Spring meeting: Symp.k: Bioinspired Nanomaterials*, Strasburg, May (2017)
85. *82nd Annual Israel Chemical Society Meeting*, Tel-Aviv, February (2017)
86. *3rd Meeting on Nanotechnology: from Academia to Industry*, Holon Institute of Technology, May (2017)**
87. *The Grand Challenges in the Chemical Sciences*, Symp. Hosted by the Isr. Academy of Sci.&Humanities for the 70th birthday of Israel, Jerusalem, June (2018)**
88. *3rd Erwin Schrödinger Symposium*, Dornbirn, Austria (2018)
89. *Italy-Israel Meeting on Materials Science*, Catania, October (2018)
90. *Winter-school on 2D Materials*, Weizmann Institute, January (2019)
91. *Flatlands Beyond Graphene*, Toulouse, September (2019)*
92. *Symp. commemorating G. M. J. Schmidt's 100th birthday anniversary*, Weizmann Institutue, October (2019)
93. Israel-Italy workshop *Nanomaterials for the Future,* October (2020), https://italia-israel.glueup.com/event/nanomaterials-for-the-future-26512/
94. *The 2nd Int. Online Conf. on Crystals (IOCC)*, hosted by Crystals (MDPI Journal), November (2020)
95. *The 2nd Turkey-Israel meeting on Nano* (on-line), November (2020)
96. Symp. FI, *CIMTEC* Conf., Perugia, June (2022)
97. *Flatlands Beyond Graphene*, Lanzarote Island, September (2022)
98. *Royal Soc.-IAS&H meeting on Materials*, Manchester, September (2022)
99. *HeterNonoCarb23*, Benasque, January (2023)

100. *NINE 23*, Venice, June (2023)
101. *Flatlands beyond Graphene 23*, Prague, September (2023)
102. *Symposium honoring Prof. Gershom Martin*, WIS (Rehovot), December (2024)
103. *Int. Conf. on Layered Mater. and Devices: From Atoms to Chips*, INL – Int. Iberian Nanotech. Lab., Braga, November (2025)*

* Opening session
** Plenary session

Organizing committee of conferences and symposia
1. *Bat-Sheva Seminar on Metal Electrolyte and SemiconductorElectrolyte Interfaces*, Ein-Gedi (1981)
2. *World Energy Conference*, Tiberias, (1988)
3. *54th Annual Meeting of Israel Chemical Society*, Weizman Institute (1989)
4. *1st US-ISRAEL Energy Forum*, Shoresh (1990)
5. *Japan -Israel Symposium"Organized Molecular Structures"*, Weizmann Institute, (1991)
6. *New Trends in Photoelectrochemistry 2 (NTP-2)*, Tokyo, Japan (1994)
7. *UK-Israel binational symposium"Frontiers in Surface Science"*, Tel-Aviv, (1994)
8. *7th Israel Materials Engineering Conference*, Haifa, (1994)
9. *International sympoium on Fullerenes*, Jerusalem, (1996)
10. *Israel-India Materials Symposium*, Jerusalem, (1996)
11. *3rd Intl. Meeting on New Trends in Photoelectrochemistry (NTP-3)*, Estes Park, USA (1997)
12. *10th Intl. Conf. Vapor Growth and Epitaxy* (ICVGE-10), Jerusalem (1998) and *12th Intl. Crystal Growth Conf.* (ICCG-12), Jerusalem (1998)
13. *4th Intl. Meeting New Trends in Photoelectrochemistry (NTP-4)*, Nice, France (1999)
14. *66th Annual Meeting Isr. Chem. Soc*., Tel-Aviv, February (2001)
15. *Supramolecular Chemistry (ISSC XII)*, Tel-Aviv (2002)
16. *IMEC-11, Israel Materials Engineering Conference*, Haifa, December (2003)
17. *Eco-Nano*, Tel-Aviv Univ., May (2005)
18. *IMEC-12*, Beer Sheva, March (2005)
19. *72th Annual Meeting Isr. Chem. Soc*., Tel-Aviv, February (2006)
20. *Electrochem. Micro and Nanosystem Technologies- EMNT-2008*, Dead Sea, September (2008)
21. *RBNI Winter School of the Technion: Topics in Nanoscience and Nanotechnology*, Dead Sea, February (2008)
22. *NanoIsrael*, Jerusalem, February (2009); Tel-Aviv, November (2010); Tel-Aviv March (2014)
23. *Beyond Graphene and Carbon Nanotubes: 1D and 2D Systems…*, *MRS Spring Meeting*, San Francisco, April (2013)
24. *1D Nanomaterials for Nanodevices symp*., *IUMRS-ICAM 2013*, Quingdao, August (2013)
25. *Nanocomposites and Hybrid Nanomaterials*, Nano 2014, Moscow, July (2014)
26. *COINAPO* (COST-action) final meeting (http://www.coinapo-crete.eu/Events/Details), Heraklion, Oct. (2013)
27. *Flatlands beyond graphene15*, Bar-Ilan Univ., July (2015)
28. *ACNS2015, 12th Int. Conf. Adv. Carbon Nanostr*., St. Petersburg, June (2015)
29. *Turkey-Israel 2nd Nano-Meeting* (2020)