

CURRICULUM VITAE

JOSEF MICHL

PERSONAL DATA

Born: March 12, 1939, Prague, Czechoslovakia
Married: Sara Allensworth Michl (deceased 2018)
Children: John Allensworth Michl
Naturalized U.S. citizen: March 1975

EDUCATIONAL BACKGROUND

M.S., Charles University, Prague, Czechoslovakia, 1961, with Prof. Václav Horák and Dr. Petr Zuman

Ph.D., Czechoslovak Academy of Sciences, Prague, Czechoslovakia, 1965, with Dr. Rudolf Zahradník

POSITIONS

1965-66 Post-doctoral with Professor Ralph S. Becker, University of Houston, Houston, Texas
1966-67 Post-doctoral with Professor Michael J. S. Dewar, University of Texas, Austin, Texas
1967-8/68 Research Scientist, Institute of Physical Chemistry, Czechoslovak Academy of Sciences, Prague, Czechoslovakia
9/68-7/69 Amanuensis (assistant professor) with Professor Jan Linderberg, Department of Chemistry, Aarhus University, Denmark
9/69-6/70 Post-doctoral with Professor Frank E. Harris, Department of Physics, University of Utah, Salt Lake City, Utah
7/70-7/71 Research Associate Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
7/71-6/75 Associate Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
7/75-8/86 Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
10/79-6/84 Chairman, Department of Chemistry, University of Utah, Salt Lake City, Utah
8/86-present Adjunct Professor, Department of Chemistry, University of Utah, Salt Lake City, Utah
9/86-5/91 M. K. Collie-Welch Regents Chair in Chemistry, The University of Texas at Austin, Austin, Texas
6/91-present Professor, Department of Chemistry and Biochemistry, University of Colorado, Boulder, Colorado
1/06 - present Group leader, Institute of Organic Chemistry and Biochemistry,

Academy of Sciences of the Czech Republic, Prague, Czech Republic

CURRENT RESEARCH INTERESTS

Photochemistry, photophysics, and solar energy
Two-dimensional polymers and molecular electronics
Molecular electronic structure

PROFESSIONAL ACTIVITIES SINCE 2000

Invited Lectures at Conferences:

- 2000 Tunable Polymers, Asilomar, California
Austin Symposium on Molecular Structure, Austin, Texas
American Physical Society Meeting, Minneapolis, Minnesota
219th ACS National Meeting, San Francisco, California
IPS-2000, Snowmass, Colorado
DARPA Moletronics Meeting, S. Lake Tahoe, California
Photophysics and Photochemistry 2000, Oeiras, Portugal
PACIFICHEM 2000, Honolulu, Hawaii (two lectures)
- 2001 221st ACS National Meeting, San Diego, California (award lecture)
37th National Organic Symposium, Bozeman, Montana
Gordon Research Conference on Phys. Org. Chemistry, Holderness School, New Hampshire
Molecular Quantum Mechanics, Seattle, Washington
222nd ACS National Meeting, Chicago, Illinois (two lectures)
ESOR 8, Cavtat, Croatia
1st European Silicon Days, Munich, Germany
ISRIUM, Nara, Japan
COE International Symposium, Kyoto, Japan
- 2002 LabAutomation 2002, Palm Springs, California
Int. Conf. Reactive Intermediates and Reaction Mech., Ascona, Switzerland (lecture and poster)
19th IUPAC Symposium on Photochemistry, Budapest, Hungary (award lecture)
13th Int. Symposium on Organosilicon Chemistry, Guanajuato, Mexico
Nanotechnology Conference, Natick, MA
10th Foresight Conference on Molecular Nanotechnology, Bethesda, MD
- 2003 Ratner Symposium, Evanston, Illinois
PalmPower Program Meeting, San Diego, California
American Physical Society Meeting, Austin, Texas
Young Chemists EU Workshop, Gothenburg, Sweden
Quilmes Workshop, Quilmes, Tucuman, Argentina
Polysilane Conference, Madison, Wisconsin
36th Organosilicon Symposium, Akron, Ohio
Jortner Symposium, Tel Aviv, Israel
ISPO '03, Troy, New York
Radicals in the Rockies, Telluride, Colorado

- ISRIUM, Reykjavik, Iceland
226th ACS National Meeting, New York, NY
Polish Photoscience Seminar, Warsaw, Poland
Workshop on Molecular Electronics, Paris, France
- 2004 227th ACS National Meeting, Anaheim, California (6 presentations)
Foundations of Nanoscience: Self Assembled Architectures and Devices, Snowbird, Utah
Conference of Organic Chemists, Pardubice, Czech Republic
EPIC 04, Obergurgl, Austria
3rd Heron Island Conf. on Reactive Intermediates and Unusual Molecules, Heron Island, Australia
228th ACS National Meeting, Philadelphia, Pennsylvania (2 presentations)
MichlFest, Salt Lake City, Utah
DOE Solar Program Review Meeting, Denver, CO
- 2005 16th IAPS Winter Conference, Clearwater Beach, Florida
229th ACS National Meeting, San Diego, California
Nobel Symposium on Controlled Nanoscale Motion, Bäckaskog Castle, Sweden
Gordon Research Conference on Photochemistry, Smithfield, Rhode Island
ICCOSS XVII, Los Angeles, California
14th International Symposium on Silicon Chemistry, Würzburg, Germany
ISRIUM 2005, Edinburgh, Scotland
230th ACS National Meeting, Washington, DC
NSF Workshop on Emerging Opportunities of Nanoscience to Energy Conversion and Storage, Arlington, Virginia
Pacifichem 2005, 2 lectures and a poster, Honolulu, Hawaii
- 2006 Gordon Conference on Electrochemistry, Buellton, California
NanoBio Symposium, APS National Meeting, Baltimore, Maryland
Kipping Award Symposium, 231st ACS National Meeting, Atlanta, Georgia
IUPAC Conference on Photochemistry, Kyoto, Japan
Hammond Symposium, Bowling Green, Ohio
Zuman Symposium, Electrochemical Society Meeting, Denver, Colorado
12th International Congress on Quantum Chemistry, Kyoto, Japan
Radicals in the Rockies, Telluride, Colorado
1st European Chemistry Congress, Budapest, Hungary
PICORIUM, Porquerolles, France
Int. Bunsen Discussion Meeting, Modern Electrochemistry of New Materials, Rathen, Germany
- 2007 DOE Annual Solar Program Review, Denver, Colorado
Trommsdorffest, Grenoble, France
Wirz Symposium, Basel, Switzerland
ECHEMS, Třešť, Czech Republic
ISNA, Awaji Island near Kobe, Japan
Molecular Theory for Real Systems, Kyoto, Japan
234th ACS National Meeting, Boston, Massachusetts (2 talks)
SPIE 2007 Conference on Organic Photovoltaics, San Diego, CA
Wiberg Symposium, Yale Univ., New Haven, Connecticut
Electrochemistry Seminar, Leibnitz Inst., Dresden, Germany
2nd Japan-Czech-Slovak Joint Symposium for Theoretical Chemistry, Kyoto, Japan
- 2008 Bartlett Symposium, 235th ACS National Meeting, New Orleans, LA

- 15th International Conference on Organosilicon Chemistry, Jeju Island, Korea
 Silicon Science - Beyond Silicon Chemistry, Takasaki, Japan
 International Symposium on Homogeneous Catalysis, Florence, Italy
 International Conference on Physical Organic Chemistry, Santiago de Compostela, Spain
 6th International Symposium on Theoretical Chemical Physics, Vancouver, BC, Canada
 22nd IUPAC Symposium on Photochemistry, Göteborg, Sweden
 Conference on Correspondence between Concepts in Chemistry and Quantum Chemistry, Vålådalen, Sweden
 8th WATOC Congress, Sydney, Australia
 13th IMEBORON Conference, Platja d'Aro, Spain
 Central European Symposium on Theoretical Chemistry, Hejnice, Czech Republic
 Photochemistry & Photophysics Symposium, 43rd Midwest Mtg ACS, Kearney, NE
 Borden Symposium, Denton, TX
 Trends in Quantum Chemistry Conference, Aarhus, Denmark
 Gas Phase Ion Chemistry: State of the Art and Perspectives, Eberbach, Germany
- 2009 19th Winter Fluorine Conference, St. Pete Beach, FL
 International Symposium on Modern Organic Chemistry, Monastir, Tunisia
 237th ACS National Meeting, Salt Lake City, UT (2 invited lectures)
 Research Connections, Prague, Czech Republic
 Dahl Symposium, Madison, WI
 CSC Annual Meeting, Hamilton, Ontario, Canada (2 invited lectures)
 ICCOSS 19, Sestri Levante, Italy
 ISRIUM 2009, Liblice, Czech Republic
 Diradicals and Multiradicals: Theory and Experiment, Namur, Belgium
 Faraday Discussions 145, Frontiers of Physical Organic Chemistry, Cardiff, Wales, UK
 ESOR 12, Haifa, Israel
- 2010 24th Annual W. S. Johnson Symposium, Stanford, California
 239th ACS National Meeting, San Francisco, California
 43rd Silicon Symposium, St. Louis, Missouri
 Molecular Quantum Mechanics, Berkeley, California
 Meeting of the Czech Chemical Society, Pardubice, Czech Republic (2 lectures)
 Interplay of Electronic Structure Theory and Experiment, Sandbjerg, Denmark
 Radicals in the Rockies, Telluride, Colorado
 240th ACS National Meeting, Boston, Massachusetts
 3rd EuCheMS Chemistry Congress, Nürnberg, Germany
 Central European Symposium on Theoretical Chemistry, Nový Smokovec, Slovakia
 The International Chemical Congress of Pacific Basin Societies, Honolulu, Hawaii (3 invited lectures)
- 2011 Am. Assoc. Adv. Sci. meeting, Washington, DC
 241st ACS National Meeting, Anaheim, California (2 lectures)
 21st I-APS Meeting, Mendoza, Argentina
 Heyrovský Discussions, Třešť, Czech Republic
 Gordon Conference on Photochemistry, Easton, Massachusetts
 WATOC Meeting, Santiago de Compostela, Spain
 "Strongly Correlated Systems, Cooperativity, and VB Theory", La Coruna, Spain
 242nd ACS National Meeting, Denver, Colorado
 ISTCP-VII, Tokyo, Japan

- Synthetic and Natural Molecular Machines, Mexico City, Mexico
 ISCAN, Richmond, Virginia
 Functional Supramolecular Systems, Leuven, Belgium
- 2012 BES Separations, Annapolis, Maryland
 Gordon Conference on Renewable Energy and Solar Fuels, Il Ciocco, Italy
 IOCB Retreat, Špindlerův Mlýn, Czech Republic
 AFOSR Contractors' Meeting, Arlington, Virginia
 Prague Nobel Get-Together, Prague, Czech Republic
 BES Solar Photochemistry, Annapolis, Maryland (invited poster)
 Singlet Fission Workshop, Lyons, Colorado
 244th ACS National Meeting, Philadelphia, Pennsylvania
 2nd International Symposium on Large-Scale Computational Science, Tokyo, Japan
 Symposium on Physical Organic Chemistry, Uppsala, Sweden
 AFOSR contractors' Meeting, Pasadena, California
 6th International Meeting on Halogen Chemistry, Bangalore, India
- 2013 I-APS Winter Conference, Sarasota, Florida
 Foresight Conference, Palo Alto, California
 BES Solar Photochemistry, Annapolis, Maryland (invited poster)
 Singlet Fission Workshop, Lyons, Colorado
 Single Molecular Machines and Motors Symposium, Toulouse, France
 Radicals in the Rockies, Telluride, Colorado
 8th Symposium of the International Society of Theoretical Chemical Physics, Budapest, Hungary
 Theoretical Chemistry Day, Georgia Tech. Univ., Atlanta, Georgia
 Advances in Organic, Bioorganic, and Pharmaceutical Chemistry, Špindlerův Mlýn, Czech Rep.
 5th JCS International Meeting, Nara, Japan
- 2014 247th ACS National Meeting, Dallas, Texas
 Japanese Chemical Society Meeting, Nagoya, Japan
 ISRIUM, Hiroshima, Japan
 Gordon Conference on Electronic Processes in Organic Materials, Il Ciocco, Italy
 Symposium of Two-Dimensional Polymers, Zurich, Switzerland
 BORAM14, Newark, New Jersey
 Singlet Fission Workshop, Lyons, Colorado
 Workshop on Molecular Rotors, Motors, and Switches, Telluride, Colorado
 Bally Fest, Fribourg, Switzerland
 ISOS 17, Berlin, Germany
 248th ACS National Meeting, San Francisco, California
 IMEBORON XV, Prague, Czech Republic
 WATOC 14, Santiago de Chile, Chile
 Concepts of Mathematical Physics in Chemistry, Playa del Carmen, Quintana Roo, Mexico
- 2015 I-APS Photochemistry Meeting, Sarasota, Florida
 55th Sanibel Symposium, St. Simon's Island, Georgia
 249th ACS National Meeting, Denver, Colorado
 Nobel Workshop, Gothenburg, Sweden
 Singlet Fission Workshop, Erlangen, Germany
 BES Solar Photochemistry, Annapolis, Maryland
 International Congress of Quantum Chemistry, Beijing, China
 Singlet Fission Workshop, Lyons, Colorado

- Zero-Field Spin Effects in Molecular Systems, Telluride, Colorado
 Solar Workshop, Telluride, Colorado
 European Symposium on Organic Reactivity, Kiel, Germany
 Quantum Systems in Chemistry, Physics, and Biology, Varna, Bulgaria
 6th JCS International Meeting, Smolenice, Slovakia
 PACIFICHEM 2015, Honolulu, Hawaii (three lectures)
- 2016 1st Middle-Eastern Materials Science Congress, Abu Dhabi, United Arab Emirates
 251st ACS National Meeting, San Diego, California
 Fujiwara Seminar of Physical Organic Chemistry, Fukuoka, Japan
 Havlas Symposium, Prague, Czech Republic
 BES Solar Photochemistry, Gaithersburg, Maryland
 S2DP Meeting, Nara, Japan
 Molecular Quantum Mechanics, Uppsala, Sweden
 Molecular Machines Workshop, Telluride, Colorado
 Radicals in the Rockies, Telluride, Colorado
 Singlet Fission Workshop, Lyons, Colorado
- 2017 International Symposium on Visionary Trends in Molecular Science, Tianjin, China, plenary speaker
 Workshop on Molecular Rotors, Prague, Czech Republic
 253rd ACS National Meeting, San Francisco, CA (three lectures)
 CARA symposium, Berkeley, CA
 ISRIUM 2017, Sorrento, Italy
 Chemistry for the Future, Pisa, Italy (plenary lecture)
 Chemistry Beyond the Mechanical Bond, Jesus College, Cambridge, United Kingdom
 IMEBORON XVI, Hong Kong, China (plenary lecture)
 WATOC 2017, Munich, Germany
 Congress of the Turkish Chemical Society, Ankara, Turkey
 Molecular Machines Nobel Prize Conference, Groningen, The Netherlands
 Nanomachines: Powering Molecules, Hong Kong, China
 Sustainable Energy Symposium, Gothenburg, Sweden
- 2018 27th Winter I-APS Conference, Sarasota, Florida
 US-Czech Conference on Advanced Nanotechnology and Chemistry, Prague, Czech Republic
 Molecular Biradicals: Structure, Properties and Reactivity Symposium, Würzburg, Germany
 255th ACS National Meeting, New Orleans, LA
 2nd International Symposium on Singlet Fission and Photon Fusion: Emerging Solar, Gothenburg, Sweden (two lectures)
 7th JCS Symposium on Theoretical Chemistry, Prague, Czech Republic
 49th Silicon Symposium, Edmonton, Canada
 DOE BES Principal Investigator's Meeting, Gaithersburg, Maryland
 Singlet Fission Workshop, Estes Park, Colorado
 BORAM, Boston, Massachusetts
 ISRIUM, Ascona, Switzerland
 22nd International Symposium on Fluorine Chemistry, Oxford, United Kingdom
 USARO Principal Investigator's Meeting, Durham, North Carolina
 256th ACS National Meeting, Boston, Massachusetts
 EuCheMS meeting, Liverpool, United Kingdom
 Silicon Chemistry 1957-2018, Prague, Czech Republic

- Zahradník Fest, Prague, Czech Republic
 Bonačić-Koutecký Fest, Lyon, France
 Methods and Algorithms in Quantum Chemistry, Aarhus, Denmark
 2019 Symposium in honor of Kjeld Schaumburg, Copenhagen, Denmark
 Physical Organic Chemistry Conference, Bad Honnef, Germany
 257th ACS National Meeting, Orlando, Florida
 Molecular Frontiers, Stockholm, Sweden
 Solar Photochemistry Meeting, Gaithersburg, Maryland (poster presentation)
 ICCOSS XXIV, New York, New York
 6th IC4N-2019, Corfu, Greece
 Radicals in the Rockies, Telluride, Colorado
 2019 Photochemistry Gordon Research Conference, Easton, Massachusetts
 Molecular Rotor Workshop, Prague, Czech Republic
 19th European Symposium on Fluorine Chemistry, Warsaw, Poland
 ESOR Conference, Dubrovnik, Croatia
 Southwest and Rocky Mountain Regional ACS Meeting, El Paso, Texas
 Materials and Nanoscience Conference, Split, Croatia
 2020 Charles University, Prague, Czech Republic
 International Conference on Sustainable Energy, Nice, France (remote)
 Rocky Mountain Regional ACS Meeting, Fort Collins, Colorado (remote)
 2021 ACS Spring 2021 National Meeting, San Antonio, Texas (remote)
 Solar Photochemistry Meeting, Gaithersburg, Maryland (remote)
 30th International Conference on Photochemistry, Geneva, Switzerland (remote)
 TSRC Workshop on Excitons, Telluride, Colorado (remote)
 ACS Fall 2021 National Meeting, Atlanta, Georgia (remote)

Contributed Presentations at Conferences:

- 2000 11th IAPS Winter Conference, Clearwater Beach, Florida
 219th ACS National Meeting, San Francisco, California (3 presentations, one of these by B. King and one by E. Pinkhassik)
 33rd Organosilicon Symposium, Saginaw, Michigan (3 presentations, by R. West, H. Fogarty and H. Ottosson)
 Boron USA VII, Pittsburgh, Pennsylvania (presented by Z. Janoušek)
 220th ACS National Meeting, Washington, DC (2 presentations, by H. Fogarty and A. Reisinger)
 International Conference on Electronic Structure, San Sebastian, Spain (presented by R. Crespo)
 PACIFICHEM 2000, Honolulu, Hawaii (three presentations, by H. Tsuji, C.-H. Ottosson, and J. Smith)
 2001 12th I-ASP, Ascochinga, Argentina (two contributions, one of them by H. Fogarty)
 222nd ACS National Meeting, Chicago, Illinois
 2002 13th I-ASP, Tempe, Arizona (two contributions)
 8th Boron Americas Meeting, Death Valley, California (two contributions, by M. Fete and S. Körbe)
 223rd ACS National Meeting, Orlando, Florida (presented by D. Horinek)
 1st International Conference on Nanoscale/Molecular Mechanics, Maui, Hawaii (three presentations, by G. Kottas, X. Zheng, and J. Vacek)
 5th Int. Symposium on Functional π -Electron Systems, Neu-Ulm, Germany

- 6th WATOC Congress, Lugano, Switzerland (presented by J. Vacek, and four posters)
13th Int. Symp. on Organosilicon Chemistry, Guanajuato, Mexico (presented by R. Crespo)
ESPA 2002, Seville, Spain (presented by R. Crespo)
- 2003 Gordon Res. Conf. on Phys. Org. Chem., Plymouth, NH (presented by G. Kottas)
11th International Congress of Quantum Chemistry, Bonn, Germany (four posters, plus two presented by R. Crespo, one by P. Čársky, and one by J. Fleischhauer)
2nd European Organosilicon Days, Munich, Germany
- 2004 15th I-ASP, Tempe, Arizona
9th Boron in the Americas Workshop (5 presentations by M. Fete, K. Vyakaranam, L. Eriksson, P. Schreiber, and M. Kvíčalová)
37th Silicon Symposium, Philadelphia, Pennsylvania
228th ACS National Meeting, Philadelphia, Pennsylvania
Euroboron 3, Průhonice near Prague, Czech Republic
- 2005 7th WATOC Congress, Cape Town, South Africa
38th Organosilicon Symposium, Boulder, Colorado (2 posters, presented by McLeod and Casher)
230th ACS National Meeting, Washington, DC (3 oral, presented by J. Vacek, T. Magnera, and C. Rogers, and 4 posters, presented by D. Casher, L. Kobr, D. Caskey, and M. Mulcahy)
DOE Solar Program Review, Denver, Colorado
CU-NIST Workshop, Boulder, Colorado (presented by M. Mulcahy)
- 2006 231st ACS National Meeting, Atlanta, Georgia (2 talks)
17th I-APS Winter Conference, Salvador, Brazil
- 2007 DOE Solar Program Review, Denver, Colorado
Molecular Quantum Mechanics, Margaret Island, Budapest, Hungary
15th European Symposium on Fluorine Chemistry, Prague, Czech Republic
234th ACS National Meeting, Boston, Massachusetts (2 talks)
Army High Performance Computing Conference, Pittsburgh, Pennsylvania (presented by J. Vacek)
- 2008 236th ACS National Meeting, Philadelphia, Pennsylvania (presented by V. Volkis)
- 2009 65th Southwest Regional Meeting, El Paso, Texas (presented by C. Krempner)
237th ACS National Meeting, Salt Lake City, UT (11 contributions presented by Akdag, Braunecker, Chocholoušová, Douvris, Kobr, MacLeod, Roy, Smith, Vacek, Valášek, Volkis)
13th ICQC, Helsinki, Finland (2 posters, presented by Kývala and Chalupský)
5th European Silicon Days, Vienna, Austria
- 2010 I-APS Winter Conference, St. Pete Beach, FL
Sanibel Symposium, St. Simons Island, FL
239th ACS National Meeting, San Francisco, California (3 presentations)
23rd IUPAC Symposium on Photochemistry, Ferrara, Italy
- 2011 242nd ACS National Meeting, Denver, Colorado (6 presentations)
- 2012 14th International Congress of Quantum Chemistry, Boulder, Colorado (3 posters)
ISRIUM, Ascona, Switzerland
4th EUCHEMS Congress, Prague, Czech Republic (4 presentations by collaborators)
Rocky Mountains Regional ACS Mtg, Westminster, Colorado (3 presentations by collaborators)
- 2013 European Symposium on Organic Chemistry, Marseille, France (presented by Hajduch)
Gordon Conference Clusters, Nanocrystals, and Nanostructures, Mount Holyoke, Massachusetts (presented by Čížková)
ESOR 14, Prague, Czech Republic (7 presentations by collaborators)
Euroboron 6, Radziejowice, Poland (2 posters, presented by Kaleta and Šembera)

- Frontiers in Chemistry, Yerevan, Armenia (presented by Hajduch)
- 2014 I-APS Photochemistry Meeting, Sarasota, Florida
Photoiupac2014, Bordeaux, France
- 2016 251st ACS National Meeting, San Diego, California
Silicon Polymer Symposium, San Diego, California
- 2017 I-APS Photochemistry Meeting, Lido Beach, Florida
23rd Winter Fluorine Conference, Clearwater Beach, Florida
- 2019 24th Winter Fluorine Conference, Clearwater Beach, Florida
I-APS Photochemistry Meeting, Lido Beach, Florida
- 2021 ACS Spring 2021 National Meeting, San Antonio, Texas (remote)
- 2022 ACS Fall 2022 National Meeting, Chicago, Illinois (remote)
2nd International Symposium on Confinement-Controlled Chemistry, Bochum, Germany

Named Lectureships and Lecture Series (up to 1 month):

- 2000 Kosolapoff Lecturer, Auburn University, Auburn, Alabama
- 2001 Marcus Lecturer, Washington University, St. Louis, Missouri
Distinguished Lecturer in Computational Chemistry, Indiana University, Bloomington, Indiana
- 2002 Visiting Lecturer, Masaryk University, Brno, Czech Republic
- 2003 Barré Lecturer, University of Montreal, Quebec, Canada
Lise Meitner Lecturer: Hebrew University, Jerusalem; Technion, Haifa, Weizmann Institute, Rehovoth, Israel
Visiting Lecturer, Masaryk University, Brno, Czech Republic
- 2004 FECS Keynote Lecture, Int. Conf. on Supramol. Sci. & Technology, Prague, Czech Republic
- 2005 John Stauffer Lecturer, University of Southern California, Los Angeles, California
- 2007 Friedman lecture, Rutgers Univ., Newark, New Jersey
Török lecture, Eötvös Univ., Budapest, Hungary
- 2008 J. T. McDonald Lecture, McGill Univ., Montreal, Canada
- 2009 Clark Lectures, Univ. of West Virginia, Morgantown, WV (2 lectures)
Allinger Lecture, Univ. of Georgia, Athens, GA
Hassel Lecture, Univ. of Oslo, Norway
Convention Internationale Romande d'Enseignement du 3e Cycle en Chimie, Basel, Berne, Fribourg (2 lectures), Geneva, Lausanne, Switzerland
- 2010 Juniata College Lecturer, Huntingdon, Pennsylvania (4 lectures)
Frontiers of Chemical Research Lecturer, Texas A&M, College Station, Texas (3 lectures)
- 2012 Sigma-Aldrich Lecturer, St. Louis University, St. Louis, Missouri
Greater Boston Area Theoretical Chemistry Lecturer, Boston, Massachusetts (3 lectures)
- 2013 Cristol Lecturer, University of Colorado, Boulder, Colorado
Edgar Fahs Smith Lecturer, University of Pennsylvania, Philadelphia, Pennsylvania
- 2014 Boulder Scientific Distinguished Lecturer, Colorado State University, Ft. Collins, Colorado
Vilsmeier Lecturer, University of Regensburg, Germany
- 2015 Discovery Chemistry Lecturer, DuPont, Wilmington, Delaware
- 2016 GdCH lecture, Humboldt University, Berlin, Germany
SBS Distinguished Lecture, University of Utah, Salt Lake City, Utah
- 2018 Pulay Lecture, University of Arkansas, Fayetteville, Arkansas
Ramon Areces Foundation Lecture, Madrid, Spain
- 2019 Fritz London Memorial Lecture, Duke University, Raleigh-Durham, North Carolina

Visiting Positions (1 month and longer):

- 2001 University of Florida, Gainesville, one month (Tarrant Distinguished Visiting Professor)
 University of Seville, Spain, two months (visiting professor)
- 2002 University of Valencia, Spain, one month (visiting professor)
- 2003 Heyrovský Institute, Academy of Sciences, Prague, Czech Republic, one month (visiting scientist)
- 2005 Humboldt University, Berlin, Germany (visiting professor)
- 2010 Humboldt University, Berlin, Germany (visiting professor)
- 2016 Technical University, Berlin, Germany (visiting professor)

Colloquia, Lectures and Seminars:

- 2000 University of Pennsylvania, Philadelphia, Pennsylvania (2 lectures)
 Columbia University, New York
 Rutgers University, New Brunswick, New Jersey
 Auburn University, Auburn, Alabama
 Union Carbide, Charleston, West Virginia
- 2001 College of Engineering, Univ. Colorado, Boulder, Colorado
 San Diego State University, San Diego, California (Physics)
 University of Wisconsin, Madison, Wisconsin
 Kyoto University, Kyoto, Japan
 University of Hawaii, Honolulu, Hawaii
 University of California, Berkeley, California
 Max-Planck Institute für Strahlenchemie, Mülheim/Ruhr, Germany
 University of Florida, Gainesville (10 lectures)
 Charles University, Prague, Czech Republic
 University of Seville, Spain (3 lectures)
 Universidad Autonoma, Madrid, Spain
 University of Huelva, Huelva, Spain
 University of Cadiz, Cadiz, Spain
- 2002 University of California, Riverside, California
 University of California, Los Angeles, California
 University of Denver, Colorado
 Masaryk University, Brno, Czech Republic
 Humboldt University, Berlin, Germany
 Free University, Berlin, Germany
 University of Würzburg, Würzburg, Germany
 University of Cologne, Cologne, Germany
 University of Aachen, Aachen, Germany
 Kyoto University, Kyoto, Japan
 Chemistry Research Institute, Kyoto University, Uji, Japan
 Kyushu Univ., Fukuoka, Japan
 University of Valencia, Valencia, Spain (2 lectures)

- Charles Univ., Prague, Czech Republic
- 2003 University of Colorado, Boulder, Colorado (Undergraduate Researcher Society)
Institute of Nanoscale Science, Vanderbilt University, Nashville, Tennessee
University of Northern Colorado, Greeley, Colorado
University of Arizona, Tucson, Arizona
Sony Research Institute, Stuttgart, Germany
Learned Society of the Czech Republic, Prague, Czech Republic
Humboldt University, Berlin, Germany
Masaryk University, Brno, Czech Republic
Heyrovský Institute, Academy of Sciences, Prague, Czech Republic (2 seminars)
University of Krakow, Krakow, Poland
University of Warsaw, Warsaw, Poland
University of Colorado, Boulder, Colorado
University of Strasbourg, Strasbourg, France
Ecole Normale Supérieure, Lyon, France
- 2004 MIT, Cambridge, Massachusetts
Boston College, Boston, Massachusetts
University of Nevada, Reno, Nevada
Univ. Aachen, Aachen, Germany
Univ. Angers, Angers, France
Univ. of Western Australia, Perth, Australia
Univ. of Sydney, Sydney, Australia
Univ. of New South Wales, Sydney, Australia
Univ. of Newcastle, Newcastle, Australia
Univ. of Brisbane, Brisbane, Australia
Univ. of Colorado, Boulder, Colorado
- 2005 Univ. of Georgia, Athens, Georgia
Georgia Institute of Technology, Atlanta, Georgia
Northern Illinois University, DeKalb, Illinois
Free University, Berlin, Germany
GDCh Colloquium, Free University, Berlin, Germany
Dow Corning, Midland, Michigan
- 2006 Uppsala University, Uppsala, Sweden
University of Vienna, Vienna, Austria (theor. chem. and org. chem. seminars)
Infineum, Inc., Newark, New Jersey
Univ. of Hiroshima, Hiroshima, Japan
Univ. of Fukuoka, Fukuoka, Japan
BASF, Ludwigshafen, Germany
Kyoto University, Kyoto, Japan
Chiba University, Chiba, Japan
Tsukuba University, Tsukuba, Japan
Sendai University, Sendai, Japan
Gunma University, Kiryu, Japan
École Normale Supérieure de Lyon, Lyon, France
Palacký University, Olomouc, Czech Republic
Masaryk University, Brno, Czech Republic
LSU, Baton Rouge, Louisiana

- 2007 University of Utah, Salt Lake City, Utah
Denver University, Denver, Colorado
University of Munich, Dep. of Physics, Munich, Germany
University of Munich, Dep. of Physical Chemistry, Munich, Germany
Lyondell/Equistar, Inc., Cincinnati, Ohio
University of Zürich, Zürich, Switzerland
University of Geneva, Switzerland
University of Debrecen, Debrecen, Hungary
Eötvös University, Budapest, Hungary
Riken Institute, Tokyo, Japan
University of Tsukuba, Tsukuba, Japan
Sumitomo Research Laboratory, Chiba, Japan
Kyoto University, Kyoto, Japan
- 2008 Northwestern University, Evanston, Illinois
Czech Learned Society, Prague, Czech Republic
IMW Dresden, Dresden, Germany
University of Queensland, Brisbane, Australia
Masaryk University, Brno, Czech Republic
Colorado School of Mines, Golden, CO
Rutgers University, Newark, NJ
- 2009 Tufts University, Medford, MA
University of California, Santa Cruz, CA
University of Oslo, Norway
University of Tromsø, Norway
University of Trondheim, Norway
University of Bergen, Norway
University of Zlín, Czech Republic
Rudjer Bosković Institute, Zagreb, Croatia
Masaryk University, Brno, Czech Republic
Charles University, Prague, Czech Republic
- 2010 Colorado School of Mines, Golden, Colorado, Dept. of Physics
Purdue University, Lafayette, Indiana
University of Illinois, Urbana-Champaign, Illinois
Palacký University, Olomouc, Czech Republic
Free University, Berlin, Germany
Humboldt University, Berlin, Germany
Lycée Marie et Pierre Curie, Menton, France
Universal Display Corporation, Ewing, New Jersey
- 2011 Institute of Organic Chemistry and Biochemistry, Prague, Czech Republic
Northwestern University, Evanston, Illinois
Free University, Berlin, Germany
Technical University, Berlin, Germany
Saitama University, Tokyo, Japan
Heidelberg University, Heidelberg, Germany
- 2012 University of Colorado, Boulder
University of Angers, France
Institute of Organic Chemistry and Biochemistry, Prague, Czech Republic

- MIT, Cambridge, Massachusetts
 Sigma-Aldrich, St. Louis, Missouri
 Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland
 Masaryk University, Brno, Czech Republic
 New York University at Abu Dhabi, United Arab Emirates
 Fukui Institute, University of Kyoto, Kyoto, Japan
 Faculty of Natural Sciences, Charles University, Prague, Czech Rep.
 Department of Mathematics and Physics, Charles University, Prague, Czech Rep.
 University of Bratislava, Bratislava, Slovak Rep. (2 lectures)
- 2013 Columbia University, NYC, New York (2 lectures)
 University of Waterloo, Ontario, Canada
 Fudan University, Shanghai, China
 Nanjing University, Nanjing, China
 Zhejiang University, Hangzhou, China
 Northwestern University, Xi'an, China
 Academy of Sciences, Changchun, China
 Academy of Sciences, Beijing, China
 Beijing University, Beijing, China
 Mid-Eastern Technical University, Ankara, Turkey
 Palacký University, Olomouc, Czech Republic
 University of Ulm, Germany
 Berlin-Brandenburg Academy of Sciences, Berlin, Germany
- 2014 University of Texas at San Antonio, Texas
 Kyoto University, Japan
 University of Uppsala, Sweden
 University of Chiba, Japan
 University of Tokyo, Japan
 Institute of Molecular Science, Okazaki, Japan
 University of Osaka, Japan
 Kyoto University, Japan
 Cambridge University, Great Britain
 University of Lodz, Poland
- 2015 University of Würzburg, Germany
 Charles University (Dept. of Physics), Prague, Czech Republic
- 2016 Kyoto University, Japan
 Humboldt University, Berlin, Germany
 Technical University, Berlin, Germany
 Technical University, Dresden, Germany
 University of Southern California, Los Angeles, California
- 2017 Scuola Normale Superiore, Pisa, Italy
 Technical University Milan, Milan, Italy
 Masaryk University, Brno, Czech Republic
- 2018 GRK 1582 Workshop, Berlin, Germany (2 lectures)
 University of Linz, Austria
- 2019 Masaryk University, Brno, Czech Republic
 Chemistry High School, Brno, Czech Republic
 UT San Antonio, Texas

- Pittsburgh Quantum Institute, Pittsburgh, Pennsylvania
 University of Milan, Bicocca, Italy
 University of Perugia, Italy
 University of Strasbourg, France
 Czech Learned Society, Prague, Czech Republic
 University of Freiburg, Germany
- 2021 Tata Institute of Fundamental Research, Mumbai, India (2 remote lectures)
 Indian Institute of Science, Bangalore, India (remote)
 IRsweep webinar, Stäfa, Switzerland (remote)
 Institute for Molecular Science, Okazaki, Japan (remote)
 University of Colorado, Boulder, Colorado (2 remote seminars)
 University of São Paulo, São Paulo, Brazil (remote)
- 2022 Duke University, Edinburgh Lecture
 University of Nebraska at Kearney
 University of California, Riverside
 Düsseldorf, Germany
 Nijmegen, The Netherlands
 Kiel, Germany
 Giessen, Germany
 Erlangen, Germany
 Tuebingen, Germany
 Stuttgart, Germany
 Technical University, Brno, Czech Republic
 Dresden, Germany

SERVICE AND MEMBERSHIP:

American Chemical Society
 Royal Society of Chemistry
 Inter-American Photochemical Society (Executive Committee Member, July 1977-1980)
 European Photochemical Association

Editor, Chemical Reviews, 1984-2014
 Associate Editor, Theoretica Chimica Acta, 1985-1996
 Editorial Advisory Board, Accounts of Chemical Research, 1984-2014
 Editorial Advisory Board, Journal of Organic Chemistry, 2005-2016
 Advisory Board, Collection of Czechoslovak Chemical Communications, 1993-2011
 Editorial Board, Bull. Chem. Soc. Japan, 1994-present
 Editorial Board, Chemistry - A European Journal, 1994-2000
 Advisory Editorial Board, International Journal of Quantum Chemistry, 1997-2001
 Editorial Advisory Board, Journal of the American Chemical Society, 1978-1983
 Editorial Board, Journal of Physical and Chemical Reference Data, 1985-1987
 Editorial Advisory Board, ACS Physical Chemistry Au, 2021-present

ACS Editor Search Committee, 2003
 ACS Editor Search Committee, 2004
 ACS Division of Physical Chemistry Executive Committee Member, 1982-1986

ACS Division of Fluorine Chemistry Executive Committee Member, 2005-2008
ACS Executive Director's 2010 Committee, 2004-2009
ACS Executive Director's 2020 Committee, 2009-2014
ACS Fellows Selection Committee, 2011-2013
ACS National Award Selection committees, 2007-2013
ACS J. F. Norris Canvassing Committee, 2014-2016
International Selection Board for the Henri Moissan Prize, Paris, France, 2019-present
IUPAC Commission on Photochemistry (Associate Member, 1977-82, Titular Member, 1982-1989, Chairman, 1985-1989)
US National Committee for IUPAC, 1991-1995

Chairman, 19th Conference on Reaction Mechanisms, Salt Lake City, Utah, 1982
Chairman, 15th IUPAC Symposium on Photochemistry, Prague, Czechoslovakia, 1994
Director, NATO Advanced Workshop "Modular Chemistry", Estes Park, Colorado, 1995
Co-organizer (with B. Ellison), Radicals in the Rockies, Telluride, Colorado, 1996
Co-organizer (with J. Simons), Frank Harris Symposium, Park City, Utah, 1998
Chairman, Photophysics and Photochemistry 2000, Oeiras, Portugal, 2000
Co-Organizer (with C. Kubiak and E. Calvo), Quilmes Workshop on Molecular Electronics and Quantum Dots, Quilmes, Tucuman, Argentina, 2003
Co-Organizer (with E. Calvo), NSF/PASI Workshop on Bioinspired Nanoscience and Molecular Machines, San Carlos de Bariloche, Rio Negro, Argentina, 2005
Co-organizer (with M. Garcia-Garibay and J. Gladysz), Symposium on Molecular Rotors, 230th ACS Meeting, Washington, DC, 2005
Organizer, 38th Organosilicon Symposium, Boulder, Colorado, 2005
Co-Organizer, NSF Workshop on Molecular Electronics, Řež near Prague, Czech Republic, 2006
Co-Organizer, Radicals in the Rockies, Telluride, Colorado, 2006
Organizer, Solar Energy Workshop, Aspen Lodge, Estes Park, Colorado, 2007
Organizer, Optical Metamaterials Workshop, Aspen Lodge, Estes Park, Colorado, 2008
Co-Organizer, Zahradník Symposium, Prague, Czech Republic, 2008
Organizer, ISRIUM 2009 Conference, Liblice, Czech Republic, 2009
Co-Organizer, Workshop on Conducting Polymers, Loučeň, Czech Republic, 2009
Board Member, Telluride Science Research Center, 2009 - 2013
Co-Organizer, Radicals in the Rockies, Telluride, Colorado, 2010
Co-organizer, Singlet Fission Workshop, Golden, Colorado, 2011
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2012
Chairman, 14th International Congress on Quantum Chemistry, Boulder, Colorado, 2012
Chairman, 4th EuCheMS Congress, Prague, Czech Republic, 2012
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2013
Co-chairman, ESOR 14, Prague, Czech Republic, 2013
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2014
Co-organizer, Workshop on Molecular Rotors, Motors, and Switches, Telluride, Colorado, 2014
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2015
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2016
Co-organizer, Molecular Rotor Workshop, Prague, Czech Republic, 2017
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2017
Co-organizer, Silicon Chemistry 1957-2018, Prague, Czech Republic, 2018
Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2018

Co-organizer, Singlet Fission Workshop, Lyons, Colorado, 2019

Scientific Council of the College of Natural Science, Charles University, Prague, Czech Republic, 1994-2000

Carolinum, honorary member, 1996-2000

Member, Honorary Committee for the Celebrations of the 650th Anniversary of the Founding of Charles University, Prague, Czech Republic, 1996-1998

Advisory Council, Department of Chemistry, Princeton University, 1986-1994

Advisory Council, Brookhaven National Laboratory, 1987-92

Advisory Council, Department of Chemistry, Carnegie Mellon University, 1987-1997

Advisory Board, World Association of Theoretical Organic Chemists (WATOC), 1993-present

International Advisory Board of the Second World Congress of World Association of Theoretical Organic Chemists (WATOC), 1988-1990

International Advisory Board of the Fourth World Congress of World Association of Theoretical Organic Chemists (WATOC), 1994-1996

National Research Center for Computation in Chemistry (Member, Program Committee, 1978-1981)

Electronics Research Advisory Panel, DuPont, 1985

Advisory Committee, Center for Fast Kinetics Research, UT Austin, Texas, 1988-1991

Advisory Panel for Central Europe, National Research Council, 1992-1994

COBASE Review Panel, National Research Council, 1992-1994

Natl. Acad. Sci. TNG for Eastern Europe, the Mediterranean, and Africa, 2001-2006

Natl. Acad. Sci. TNG for Class I, chairman, 2007-2016

DOE Program Review Panel, 1993

NSF Workshop on Environmental Chemistry, Matrafüred, Hungary, 1993

Panel Coordinator, NATO Advanced Study Institute, Chemical Synthesis: Gnosis to Prognosis, Ravello, Italy, 1994

Institute Evaluation Commission, Czech Academy of Sciences, Prague, Czechia, 1995

Department Evaluation Committee, University of Buenos Aires, Argentina, 2002

Theoretical Chemistry Evaluation Team, The Swedish Research Council, 2002

Department Evaluation Committee, Iowa State University, Ames, Iowa, 2005

Department Evaluation Committee, Masaryk University, Brno, Czech Republic, 2005

Physical Chemistry Chair Advisory Panel, Uppsala University, Uppsala, Sweden, 2006-2007

Discipline Advisory Committee, Fulbright Scholar Awards in Chemistry, 1995-1998

Panelist, DOE Workshop: Research Opportunities in Photochemical Sciences, Estes Park, Colorado, 1996

International Advisory Board, International Symposium on Organosilicon Chemistry: 11th in Montpellier, France, 1996, 12th in Sendai, Japan, 1999, 13th in Guanajuato, Mexico, 2002, 14th in Würzburg, Germany, 2005, 15th in Jeju Island, Korea

Discussion Leader, Welch Conference "Chemistry on Nanometer Scale", Houston, Texas, 1996

Swedish National Research Council, Natural Sciences Grant Panel, 2006

Uppsala Univ., Phys. Chem. Chair Search Committee, Sweden, 2007

Visiting Advisory Committee, Penn State MRSEC, 2007

Advisory Board Member, Photochemistry Center, Bowling Green Univ., Ohio, 2007-2018

Invited commentator, 21st Solvay Conference on Chemistry, Brussels, Belgium, 2007

Swedish Res Council, Natural Sciences Linnaeus Grant Panel, 2008

Organizing Committee Member, European Nanotechnology Forum 2009, Prague, Czech Republic

Board on Chemical Science and Technology, NRC, 2009-2012

Uppsala Univ., Theor. Chem. Chair Search Committee, Sweden, 2009

Chemistry Research Evaluation in the Netherlands, 2010
Departmental Evaluation Committee, University of Leuven, 2011
Advisory Board member, 8th Symposium of the International Society for Theoretical Chemical Physics, Budapest, Hungary, 2013
UNC EFRC External Advisory Board, 2013-2018
Scientific Committee, 7th EuChemS Congress, Liverpool, UK, 2018
Chairman, International Advisory Body, Research, Development, and Innovation Council, Government of the Czech Republic, 2017-present
International Advisory Committee for the 17th ICQC
Foreign Councillor of Institute for Molecular Science, April, 2020 - March, 2022

AWARDS AND HONORS:

Alfred P. Sloan Fellow, 1971-75
Distinguished Research Award, University of Utah, 1978-79
Alexander von Humboldt Senior U.S. Scientist Award, 1980
The Honor Society of Phi Kappa Phi (Member)
John Simon Guggenheim Fellow, 1984-85
Am. Chem. Soc. Utah Section Award, 1986
U.S. National Academy of Sciences, 1986
International Academy of Quantum Molecular Science, 1988, vice-president, 2009-2012, president, 2012-2018
Honorary Doctorate, Georgetown University, 1990
A. C. Cope Senior Scholar Award (Am. Chem. Soc.), 1993
Schrödinger Medal (World Association of Theoretical Organic Chemists), 1993
IAPS Award (Inter-American Photochemical Society), 1994
J. Heyrovský Gold Medal (Czech Academy of Sciences), 1994
Charles University Gold Medal, Prague, Czech Republic, 1995
Czech Learned Society, Honorary Member, 1995
WATOC Fellow (World Association of Theoretically Oriented Chemists), 1996
Honorary Doctorate, University of Pardubice, Czech Republic, 1996
Japan Society for Promotion of Science Award, 1998
American Academy of Arts and Sciences, 1999
Auburn - G. M. Kosolapoff Award (Am. Chem. Soc. Auburn Section), 2000
James Flack Norris Award (Am. Chem. Soc.), 2001
Otto Wichterle Award (Czech Chemical Society), 2001
ALA Achievement Award (Association for Laboratory Automation), 2002
Best Journal Issue Award for *Chemical Reviews* (Association of American Publishers), 2002
Porter Medal (I-APS, EPA, JPA), 2002
Marinus Smith Award (Univ. of Colorado), 2003
Honorary Doctorate, Masaryk University, Czech Republic, 2004
Medal of the Institute of Organic Chemistry and Biochemistry (Acad. Sci., Prague, Czech Republic), 2004 and 2012
Patria Award, Government of the Czech Republic, Prague, 2005
Fulbright Fellowship, 2006
University of Colorado Faculty Fellowship, 2006
American Chemical Society Fellow, 2010

Boron in the Americas Award, 2014

Hammond Award, I-APS, 2015

Neuron Foundation Award, Czech Republic, 2016

Award, Czechoslovak Society for Arts and Sciences, Prague Section, 2017

Fellow of the I-APS, 2017

Fellow of the Royal Society of Chemistry, 2019

Medal of the Learned Soc. Czech Rep., 2019

Symposium in honor of 80th birthday, IOCB, Czech Acad. Sci., Prague, Czech Rep., 2019

Member, Sigma Xi, 2021

Josef Michl Festschrifts for 80th birthday: (i) *J. Phys. Chem. A* **2021**, *125*, 1802-1808, <https://pubs.acs.org/page/jpcafh/vsi/michl-festschrift>; (ii) *Chemistry* **2021**, *3*, 440-443, https://www.mdpi.com/journal/chemistry/special_issues/for_Josef_Michl