Invited Talks

Prof. Dr. Hans-Peter Steinrück

1) *Die experimentelle Bestimmung der Winkelverteilung desorbierender Moleküle*
Festkörperfachabend der TU Graz, Austria, April 1983

2) *Reversibilität in Adsorptions-/Desorptionsvorgängen*
Festkörperfachabend der TU Graz, Austria, May 1985

3) *Precursors and trapping in the molecular chemisorption of CO on Ni(100)*
Sandia National Laboratories, Livermore, USA, June 1986

4) *Das Prinzip der Detaillierten Gleichgewichte im System H_2/Nickel und CO/Nickel*
Jahrestagung der Österreichischen Physikalischen Gesellschaft anläßlich der Verleihung des "KOHL-RAUSCH"-Preises der ÖPG, Innsbruck, Austria, September 1986

5) *Molekularstrahluntersuchungen der Adsorption von CO auf Ni(100)*
Physik-Department E20, TU München, November 1986

6) *Molekularstrahluntersuchungen am System CO/Ni(100)*
Festkörperfachabend der TU Graz, Austria, January 1987

7) *Ferromagnetismus in zwei Dimensionen*
Physik-Department der TU München, February 1989

8) *Elektronische Struktur und Orientierung von NO auf Ni(111)*
Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, April 1989

9) *Surface Physics and Surface Chemistry*
South European Workshop on Research with Synchrotron Radiation, Athens, Greece, May 1989

10) *Untersuchungen zur Adsorption von NO auf Ni(111) mit winkelaufgelöster UV-Photoelektronenspektroskopie und winkelaufgelöster Augerelektronenspektroskopie*
Physik-Department E20, TU München, May 1989

11) *Electronic and geometric properties of pure and coadsorbed benzene layers on Ni(111) and Ru(001)*
Sandia National Laboratories, Livermore, USA, July 1989

12) *Winkelaufgelöste Elektronenspektroskopien zur Untersuchung von Adsorbaten an Oberflächen*
Institut für Physikalische Chemie der Universität Innsbruck, Austria, May 1990

13) *Elektronische Struktur und Schwingungsstruktur von Adsorbatschichten*
Physik-Department, TU München, June 1990

14) *Angle resolved UV-photoelectron spectroscopy of adsorbed molecules*
Symposium on Surface Science in Obertraun, Austria, February 1991

15) *Orientation, symmetry and lateral interactions of molecules in pure and coadsorbed adsorbate layers*
5th International Seminar on Surface Physics, Przesieka, Poland, May 1991

16) *Orientierung, Symmetrie und laterale Wechselwirkung von adsorbierten Molekülen*
4. Physikalisches Institut der Universität Stuttgart, June 1991

17) *Laterale Wechselwirkung, Orientierung und Symmetrie in reinen und koadsorbierten Benzolschichten*
Fachbereich Physik der Universität Osnabrück, June 1991

18) *Atomare Auflösung durch Holographie mit inneren Quellen*
Journal Club des Physik-Departments der TU München, July 1991

19) *Elektronische Struktur, Symmetrie und laterale Wechselwirkung von adsorbierten Molekülen*
Interdiziplinäres Oberseminar zur Fragen der Festkörperphysik im Physik-Department der TU München (Vorstellungsvortrag im Rahmen des Habilitationsverfahrens), December 1991

20) *Laterale Wechselwirkungen in adsorbierten Schichten*
Statusseminar Synchrotronstrahlung, Berlin, November 1991

21) *Orientierung, Symmetrie und laterale Wechselwirkung von adsorbierten Molekülen*
Mathematisch-Naturwissenschaftliche Fakultät, Universität des Saarlandes, Saarbrücken, May 1992

22) *Elektronische Struktur, Symmetrie und laterale Wechselwirkung adsorbierter Moleküle*
Fakultät für Physik und Astronomie der Universität Würzburg, June 1992

23) *Sterische Effekte und zweidimensionale Bandstrukturen in dichtgepackten Adsorbatschichten*
Institut für Laser- und Plasmaphysik der Universität Essen, June 1992

24) *Der Freie-Elektronen-Laser*
Physik-Department der Technischen Universität München, July 1992

25) *Photoemission an adsorbierten Molekülen*
Sektion für Physik der Ludwig-Maximilian Universität München, July 1992

26) *Elektronenspektroskopische Untersuchungen an adsorbierten Molekülen*
Physikalisch-Chemisches Kolloquium der Universität Karlsruhe, October 1992

27) *Lateral interactions in adsorbed layers*
CERC3 Workshop on Surface and Interface Chemistry, Kerkrade, Netherlands, April 1993

28) *Adsorption von Kohlenwasserstoffen auf Metalloberflächen*
Institut für Physikalische Chemie der Universität Bochum, May 1993

29) *Zur Adsorption von Kohlenwasserstoffen auf Metalloberflächen*
Fachbereich Chemie der Universität Hannover, June 1993

30) *Laterale Wechselwirkung in adsorbierten Schichten*
Kolloquium an der Fakultät für Physik der Universität Stuttgart, June 1993

31) *On the importance of lateral interactions in the adsorption of molecules on metal surfaces*
Surface Science Seminar, Department of Physics and Astronomy, Rutgers University, Piscataway, USA, September 1993

32) *Adsorption and growth of molecular layers on metal surfaces*
IBM-Yorktown Heights, USA, September 1993

33) *Hydrocarbon adsorption on metal surfaces*
AT&T Bell Laboratories, Murray Hill, USA, September 1993

34) *Lateral interactions in adsorbed layers*
Department of Chemistry, Harvard University, Cambridge, USA, October 1993

35) *Angle resolved photoemission of adsorbed molecules*
Brookhaven National Laboratories, USA, October 1993

36) *Growth and encapsulation of Pt on TiO_2*
Department of Physics and Astronomy, Rutgers University, Piscataway, USA, October 1993

37) *Winkelaufgelöste Elektronenspektroskopie adsorbierter Moleküle*
Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Münster, March 1994

38) *Elektronen an Oberflächen - Spektroskopie und Holographie*
Antrittsvorlesung an der Universität Würzburg im Rahmen des Physikalischen Kolloquiums der Fakultät für Physik und Astronomie der Universität Würzburg, July 1994

39) *Elektronenspektroskopische Untersuchungen an Adsorbatsystemen*
Naturwissenschaftliche Fakultät I der Universität Erlangen-Nürnberg, January 1995

40) *Elektronische und geometrische Struktur von Adsorbatsystemen*
Technisch-Naturwissenschaftliche Fakultät der Johannes Kepler Universität Linz, March 1995

41) *Bonding and lateral interactions in adsorbed hydrocarbon layers*
IUVSTA Workshop on "Structure and reactivity of small polyatomic molecules on surfaces", Brdo, Slovenia, April 1995

42) *Photoelektronenholographie - eine neue Methode zur Untersuchung von Adsorbatgeometrien*
Statusseminar Synchrotronstrahlung, Berlin, December 1995

43) *Laterale Wechselwirkungen und Bandstrukturen in Adsorbatsystemen*
Max-Planck-Institut für Strömungsforschung, Göttingen, May 1996

44) *Photoelektronenspektroskopie und -holographie an Adsorbatsystemen*
Institut für Grenzflächenforschung und Vakuumphysik, Forschungszentrum Jülich, May 1996

45) *Photoelektronenholographie*
Fachbereich Physik der Universität Kaiserslautern, June 1996

46) *Rare gases - subject and object of surface science studies*
Surface Science Seminar, Department of Physics and Astronomy, Rutgers University, Piscataway, USA, August 1996

47) *Spektroskopie und Holographie an Oberflächen*
Fakultät für Physik der Universität Freiburg, October 1996

48) *Adsorption einfacher Moleküle auf ultradünnen Kupferschichten*
DFG Rundgespräch "Adsorbate: Bildung, elektronische und geometrische Struktur, Anwendungen", Bad Honnef, February 1997

49) *Adsorption einfacher Moleküle auf Metallen und ultradünnen Metallschichten*
Naturwissenschaftliche Fakultät II der Universität Erlangen-Nürnberg, May 1997

50) *What can we learn about adsorbate geometries from electron spectroscopies?*
Workshop "Strukturanalyse von Oberflächen und dünnen Schichten mittels Synchrotronstrahlung", München, October 1997

51) *Ultradünne Metallschichten - elektronische Struktur und Adsorption einfacher Moleküle*
Fakultät für Physik der Universität Göttingen, October 1997

52) *Adsorption und elektronische Struktur einfacher Moleküle auf ultradünnen Metallschichten*
Institut für Festkörperphysik der TU Graz, October 1998

53) *Wechselwirkung einfacher Moleküle mit ultradünnen Metallschichten*
Fritz-Haber-Institut der Max-Planck-Gesellschaft in Berlin, November 1998

54) *Ultradünne Metallschichten - neue Materialien mit neuen Eigenschaften*
GDCh-Kolloquium an der Universität Erlangen-Nürnberg, December 1998

55) *Chemische und elektronische Eigenschaften ultradünner Metallschichten*
Graduiertenkolleg-Workshop "Adsorption und Strukturierung von Grenzflächen" in Großbothen bei Leipzig, April 1999

56) *Elektronische und chemische Eigenschaften von Metallschichtsystemen*
Physikalisches Kolloquium, Universität Erlangen-Nürnberg, June 1999

57) *Oberflächenforschung: Physik und Chemie in zwei Dimensionen*
Collegium Alexandrinum der Universität Erlangen-Nürnberg

58) *Oberflächenforschung: Physik und Chemie in zwei Dimensionen*
Aufgezeichnet vom Bayerischen Rundfunk *"Dimensionen von Physik und Chemie"*
Ausgestrahlt am 20.07.1999, 16:00 Uhr und 21.07.1999, 10:00 Uhr im Bildungskanal des Bayerischen Rundfunks *BR-Alpha*

59) *Ultradünne Metallschichten - neue Materialien mit neuen Eigenschaften*
TU München, November 1999

60) *Elektronische Struktur und chemische Eigenschaften ultradünner Metallschichten*
Universität Essen, November 1999

61) *Ultrathin metal films: Correlation between electronic structure and chemical properties*
Chemistry Department, University of Cambridge, England, January 2000

62) *Electronic structure and chemical properties of ultrathin metal layers*
AVS-Meeting in San Jose, USA, February 2000

63) *Adsorption of small molecules on ultrathin Cu layers on Ni(111) and Ru(0001)*
Lawrence Livermore National Laboratories, Livermore, USA, February 2000

64) *The adsorption dynamics of CO on ultrathin Cu layers*
12th Symposium on Surface Science (3S*2000), Kananaski Village, Alberta, Canada, March 2000

65) *High resolution X-ray photoelectron spectroscopy for the in situ analysis of chemical reactions*
Workshop on the Scientific Case of a BESSY VUV-Soft-X-Ray FEL, Holzhau, January 2001

66) *Chemische und elektronische Eigenschaften ultradünner Schichtsysteme*
Institut für Festkörper- und Werkstoffkunde (IFW) Dresden, Dresden, June 2001

67) *In-situ Untersuchung von Oberflächenreaktionen mit höchstaufgelöster Photoelektronenspektroskopie*
Workshop "Research with Synchrotron Radiation“, Erlangen, 19./20.07.2001

68) *Charakterisierung und chemische Eigenschaften ultradünner Schichtsysteme*
Institut für Allgemeine Physik der TU Wien, October 2001

69) *Physikalische und chemische Eigenschaften ultradünner Schichtsysteme*
Physik-Department der TU München, November 2001

70) *Wechselwirkung einfacher Moleküle mit ultradünnen Schichtsystemen*
Institut für Physikalische und Theoretische Chemie der Universität Bonn, January 2002

71) *Ultrathin layer systems: Characterization, electronic structure and chemical properties*
Plenary lecture, JVC-9 (Joint Vacuum Conference), Schloß Seggau, Leibnitz, Austria, 16.-20.06.2002

72) *Chemische Eigenschaften von Oberflächen und Schichtsystemen*
GDCh Kolloquium Universität Bayreuth, 04.07.2002

73) *Methanol-Dampfreformierung an Pd/Zn/ZnO-Katalysatoren*
Begutachtung des DFG-Schwerpunkts "Brückenschläge zwischen idealen und realen Systemen in der heterogenen Katalyse“, Berlin, September 2002

74) *In-Situ Untersuchungen von Oberflächenreaktionen*
Konferenz für angewandte Oberflächenanalytik (AOFA 12), Kaiserslautern, September 2002

75) *Time Resolved Investigation of Surface Reactions*
Workshop "ERLSYN-Science 2002 - International Workshop on Scientific Applications of Energy Recovery Linac Driven Synchrotron Light Sources“, Erlangen, 27.-29.09.2002

76) *Synchrotronstrahlung – Licht im Nanokosmos*
Strategiediskussion zum BMBF-Förderschwerpunkt "Erforschung kondensierter Materie mit Großgeräten“, Hamburg, 31.01.2003

77) *In-situ Studies of Surface Reactions*
4th Brazilian-German Workshop on Applied Surface Science, Schloß Ringberg, September 2003

78) *Einblicke in die Nanowelt der Oberflächen*
Jahresversammlung der Vereinigung der Chemielehrer an Realschulen in Bayern, Universität Erlangen-Nürnberg, October 2003

79) *Surface Reactions studied by in-situ photoelectron spectroscopy*
Department of Physics, Uppsala University, Sweden, 23.10.2003

80) *Light in the Nanocosmos*
Faculty of Science and Technology, Uppsala University, Sweden, 24.10.2003

81) *Elementary steps of surface reactions studied by photoelectron spectroscopy*
Physik-Department der Universität München, 28.01.2004

82) *Detaillierte Einblicke in Oberflächenreaktionen durch höchstaufgelöste Photoelektronenspektroskopie mit Synchrotronstrahlung*
Universität Bochum, 04.05.2004

83) *In-situ Untersuchung von Oberflächenreaktionen mit höchstaufgelöster Röntgenp hotoelektronenspektroskopie*
Universität Marburg, 05.07.2004

84) *Methanol steam reforming on Pd/Zn/ZnO catalysts - Bridging the "pressure gap“ and the "materials gap“*
DFG Schwerpunkt 1091 “Heterogene Katalyse“, Antragskolloquium für 3. Förderperiode, Berlin, September 2004

85) *Detailed insights in adsorption and reaction on metal surfaces*
Universität Ulm, 06.12.2005

86) *Detaillierte Einblicke in Adsorption und Reaktion auf Metalloberflächen*
TU Wien, 22. March 2006

87) *Electronic structure of adsorbate layers*

5th Brazilian-German Workshop on Applied Surface Science, Mangaratiba - Rio de Janeiro, Brazil, April 2006

88) *Adsorption and reaction of porphyrins on metal surfaces*
SFB 583, Universität Erlangen-Nürnberg, 28. April 2006

89) *Ionic Liquid Surface Science*
SPP 1191 Antragskolloquium, 18.05.2006

90) *Methanol steam reforming on Pd/Zn/ZnO catalysts*
Bunsentagung, Erlangen, May 2006

91) *Tailoring the electronic and chemical properties of solid surfaces*
2nd Kyoto-Erlangen Symposium on Advanced Energy and Materials, Kyoto University, Japan, October 2006

92) *Surface properties studied by electron spectroscopies*
Osaka University, Japan, October 2006

93) *Chemical reactions of simple and complex molecules on metal surfaces*
Max-Planck-Institut für Festkörperforschung, Stuttgart, 13.12.2006

94) *Photoelectron spectroscopy of complex surfaces: From porphyrins to ionic liquids*
Lawrence Livermore National Laboratories, Livermore, USA, 23.04.2007

95) *In-situ X-ray photoelectron spectroscopy of surface reactions*
ALS, Berkeley, USA, 24.04.2007

96) *Detailed Insights in Surface Chemical Reactions: From Simple Molecules to Metallo-Porphyrins*
SLAC, Stanford, USA, 25.04.2007

97) *In-situ studies of complex surface reactions*
University of California, Santa Barbara, USA, 01.05.2007

98) *Surface Chemistry with Porphyrins*
Department of Physics and Astronomy, Rutgers University, Piscataway, USA, 03.05.2007

99) *In-situ Untersuchungen komplexer Oberflächenreaktio* nen
TU Clausthal, 28.11.2007

100) *Molecular Surface Science*
Südchemie, Heufeld, 30.11.2007

101) *Surface Chemical Reactions: From Simple Molecules to Metallo-Porphyrins*
SFB 658, FU Berlin, 17.01.2008

102) *"Eberhard Umbach - zum Sechzigsten"*
Festkolloquium, Forschungszentrum Karlsruhe, 9. May 2008

103) *Ionic Liquid Surface Science*
Symposium “Concepts and Strategies in Interphase Science”, Liscombe, Halifax, Canada, July 2008

104) *In-situ X-ray photoelectron spectroscopy of surface reactions*
European Conference on Surface Science, ECOSS 25, Liverpool, UK, July 2008

105) *Surface Properties of Ionic Liquids*
6th Brazilian-German Workshop on Applied Surface Science, Titisee, September 2008

106) *In-situ Untersuchungen komplexer Oberflächenreaktionen*
Universität Osnabrück, 13.11.2008

107) *Umgang mit Rankings und Nutzung der Ergebnisse des Forschungsratings Soziologie und Chemie - Impulsreferat aus der Praxis*
"Workshop zur Ergebnisnutzung der Pilotstudie Wissenschaftsrating", Wissenschaftsrat, Bonn, 10.12.2008

108) *Universitäre Standortplanung aus Sicht eines Betroffenen*
Workshop "Profilbildung und Standortplanung der österreichischen Universitäten", Österreichische Forschungsgemeinschaft, Wien, Austria, 12./13.12.2008

109) *Eigenschaften komplexer Oberflächen: Von Porphyrinen zu Ionischen Flüssigkeiten*
Universität Würzburg, 18.05.2009

110) *Photoelektronenspektroskopie an komplexen Oberflächen: Von Ionischen Flüssigkeiten zu Porphyrinen*
Universität Gießen, 26.05.2009

111) *Photoelektronenspektroskopie an komplexen Oberflächen*
15. Tagung Festkörperanalytik (FKA-15), Chemnitz, 12.-16.07.2009

112) *Lithographic fabrication of clean iron nanostructures by electron-beam induced deposition in ultra-high vacuum*
Tongji University, Shanghai, China, September 2009

113) *Surface Characterization of Complex Materials*
Jiao Tong University, Shanghai, China, September 2009

114) *Surface Chemical Reactions: From Simple Molecules to Porphyrins*
Fudan University, Shanghai, China, September 2009

115) *In-situ photoelectron spectroscopy of surface reactions*
University of Science and Technology of China (USTC), Hefei, Anhui, China, September 2009

116) *Ionic Liquid Surface Science*
Northwest Industrial University, Xiam, China, September 2009

117) *Surface Reactions*
Rundgespräch: "Principles and Applications of Catalysis“, Bad Honnef, 17.-19. February 2010

118) *Complex surfaces - reactions and properties*
Festkolloquium anlässlich des 75. Geburtstages von Prof. Dr. Dietrich Menzel, Max-Planck-Institut für Plasmaphysik, IPP, Garching, 20.04.2010

119) *Chemistry of Complex Surfaces*
Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, 2. June 2010

120) C*hemistry of complex surfaces - from porphyrins to ionic liquids*
Symposium "Nanomaterials - New Horizons" at the International Forum on Nanotechnolgy "RusNANOtech", Moscow, Russia, November 2010

121) *Some fundamental aspects of photoelectron spectroscopy*
University of Science and Technology of China (USTC), Hefei, Anhui, China, November 2010

122) *Towards the engineering of nanoscale surface structures - from in situ metallation to electron beam induced deposition*
University of Science and Technology of China (USTC), Hefei, Anhui, China, November 2010

123) *Ionic Liquid Surface Science*
Gordon Research Conference "Chemical Reactions at Surfaces", Ventura, California, February 2011

124) *Surface Chemical Reactions: From Simple Molecules to Porphyrins*
7th Brazilian-German Workshop, Rio de Janeiro, Brazil, April 2011

125) *Surface science of complex molecular systems*
Symposium "Frontiers in Interface Science - Theory and Experiment", Berlin, 30.06.2011

126) *Surface Chemical Reactions: From Simple Molecules to Porphyrins*
Hungarian Academy of Sciences, Budapest, Hungary, 6. September 2011

127) *In-situ photoelectron spectroscopy of surface reactions*
Reaction Kinetics Research Group of the Hungarian Academy of Sciences and University of Szeged, Szeged, Hungary, 8. September 2011

128) *Surface Science goes liquid!*
Plenary Lecture, US DOE Catalysis Sciences Meeting "Frontiers in Catalysis: Heterogeneous, Surface, Photo- and Electrochemical", Annapolis, Maryland, USA, 02.-05.10.2011

129) *Surface studies of complex molecular systems*
TU Graz, Austria, 22.11.2011

130) *Surface chemistry of complex molecular systems*
Plenary lecture, 45. Jahrestreffen Deutscher Katalytiker, Weimar, Germany, 14.-16.03.2012

131) *Surface and interface properties of ionic liquids*
243. ACS-Meeting, San Diego, USA, 28.03.2012

132) *Surface chemistry with porphyrins*
University of California, Santa Barbara, USA, 04.04.2012

133) *Surface science of complex molecular systems*
SUNCUT at SLAC, Stanford University, USA, 06.04.2012

134) *Surface and Interface Properties of Ionic Liquids - Insights from X-ray photoelectron spectroscopy*
2012 MRS Spring Meeting, San Francisco, USA, 11. April 2012

135) *Surface Chemistry of Porphyrinoids*
Fritz-Haber-Institut der Max-Planck-Gesellschaft, Berlin, 14.05.2012

136) *Adsorption and reaction of hydrocarbons on metals – from small molecules to supported heterographene*
German-Russian Conference on Fundamentals and Applications of Nanoscience, FU Berlin, 19.-21.05.2012

137) *Genau hingeschaut! - In situ Studien von Oberflächenreaktionen*
TU Ilmenau, 05.06.2012

138) *Surface science studies of complex molecular systems*
Karlsruhe Institute of Technology (KIT), Karlsruhe, 18.06.2012

139) *In situ studies of chemical reactions on surfaces and in ionic liquids by X-ray photoelectron spectroscopy*
Diamond Light Source, Oxfordshire, UK, 09.-10.07.2012

140) *Interface and bulk properties of imidazolium-based ionic liquids: Detailed insight from angle-resolved XPS*
244. ACS-Meeting, Symposium "Chemistry and Physics in Tribology", Philadelphia, USA, 19.-23.08.2012

141) *In-situ monitoring of chemical reactions in Ionic Liquids*
244. ACS-Meeting, Symposium "Recent advances in studies of molecular processes at liquid interfaces", Philadelphia, USA, 19.-23.08.2012

142) *Ionic Liquid Surface Science*
Keynote Speech, 3rd Asian-Pacific Conference on Ionic Liquids and Green Processes (APCIL'12), Beijing, China, 17.-19.09.2012

143) *In Situ Studies of Surface Chemical Reactions: From Simple Molecules to Porphyrins*
Institute of Coal Chemistry, Chinese Academy of Sciences, Taiyuan, Shanxi, China, 21.09.2012

144) *Surface, interface and bulk properties of ionic liquids*
University of Science and Technology of China (USTC), Hefei, Anhui, China, 24.09.2012

145) *High resolution X-ray photoelectron spectroscopy*
University of Science and Technology of China (USTC), Hefei, Anhui, China, 24.09.2012

146) *Surface chemical reactions: detailed insights from high resolution X-ray photoelectron spectroscopy*
Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China, 27.09.2012

147) *Oberflächenforschung an komplexen molekularen Systemen*
Physikalische Gesellschaft zu Berlin, Magnushaus, Berlin, 08.11.2012

148) *Surface and Interface Properties of Ionic Liquids*
Stöckhardt Kolloquium, TU Chemnitz, 06.12.2012

149) *Hydrocarbon adsorption on metals: detailed insights from high-resolution X-ray photoelectron spectroscopy*
Symposium "Nanoscience on Surfaces: Present stand and future challenges", Schladming, Austria, 20.-23.01.2013

150) *Surface Chemical Reactions: From Simple Molecules to Porphyrins*
GDCh-Kolloquium Universität Ulm, 31.01.2013

151) *In situ studies of surface reactions in model systems - from simple molecules to liquid organic hydrogen carrier materials*
Wilhelm und Else Heraeus-Seminar zum Thema "Energy-related catalysis today and tomorrow: From fundamentals to applications", Bad Honnef, 25.-28. March 2013

152) *Ionic Liquid Surface Science*
Rutgers University, Department of Chemistry, Piscataway, USA, 04.04.2013

153) *Surface Science with Porphyrins*
Rutgers University, Department of Physics and Astronomy, Piscataway, USA, 05.04.2013

154) *In Situ Studies of Surface Chemical Reactions: From Simple Molecules to Porphyrins*
245. ACS-Meeting, A. W. Adamson Award-Symposium, New Orleans, USA, 07.-11.04.2013

155) *In situ studies of surface reactions - from small molecules to graphene and porphyrins*
Symposium Niedersächsische Technische Hochschule (NTH), Gosslar, 13.-15.06.2013

156) *X-ray photoelectron spectroscopy of ionic liquid interfaces*
CENEM Workshop "Neutron for Functional Materials", Erlangen, 19.06.2013

157) *Ionic liquid surface science: Interface properties and chemical reactions*
Invited Talk, IVC-19 / ICN T 2013 / ICSS 15 conference in Paris, France, 09.-13.09.2013

158) *Surface Science of Complex Molecular Systems*
49th Symposium on Theoretical Chemistry, Erlangen, 22.-27.09.2013

159) *Surface chemical reactions: Detailed insights from isothermal studies*
9th International Symposium on Atomic Level Characterizations for New Materials and Devices ’13 (ALC’13), Hawaii, USA, 02.-06.12.2013

160) *Surface Science of Complex Molecular Systems*
Opening lecture, Nottingham Nanoscience and Nanotechnology Centre X-ray Photoelectron Spectroscopy Suite, Nottingham, UK,17.12.2013

161) *Coverage-induced Enhancement of the Self-Metalation of 2H-Tetraphenylporphyrins on Cu(111)*
247. ACS-Meeting, Dallas, 18.03.2014

162) *In situ studies of surface reactions*
Hong Kong University of Science and Technology, China, 17.04.2014

163) *Surface chemistry of hydrocarbons*
Lu Jiaxi Lectureship, Xiamen University, Xiamen, China, 21.04.2014

164) *Surface Science of complex adsorbate layers - from small molecules to porphyrins*
Zhejiang University, Hangzhou, China, 23.04.2014

165) *In situ Studies of Surface Reactions*
3rd Annual Conference and EXPO of AnalytiX 2014, Dalian, China, 25.-28.04.2014

166) *High resolution X-ray photoelectron spectroscopy*
University of Science and Technology of China (USTC), Hefei, Anhui, China, 28.04.2014

167) *Surface chemistry with porphyrinoids*
University of Science and Technology of China (USTC), Hefei, Anhui, China, 29.04.2014

168) *Surface Science of Complex Molecular Systems*
Physik, TU Chemnitz, 14.05.2014

169) *A look at the physics and chemistry of complex surfaces*
Physik, TU Wien, 20.05.2014

170) *Surface chemistry of hydrocarbons – from small molecules to graphene and liquid organic hydrogen carriers*
Universitat de Barcelona, Spain, 17.07.2014

171) *Surface Chemistry of Hydrocarbons*
248. ACS-Meeting, Symposium on "Surface Science, Science Policy Making and Sustainable Development (in Honor of Prof. Sir David King)", San Francisco, USA, 11.08.2014

172) *In situ reaction studies in ionic liquids*
248. ACS-Meeting, Symposium "Physical Chemistry of Ionic Liquids", San Francisco, USA, 13.08.2014

173) *Influence of substituents and functional groups on the surface composition of ionic liquids*
248. ACS-Meeting, Symposium on "Chemical Foundations of Tribology", San Francisco, USA, 13.08.2014

174) *In situ studies of surface reactions with high-resolution XPS and STM*
Catalysis Summit 2014, Kaisertal, Austria, 26.09.2014

175) *Surface-assisted metallation of porphyrins*
SPINMOL - "Spintronics and Magnetochemistry on the Atomic and Molecular Level", Ascona, Switzerland, 26.-30.10.2014

176) *Surface Chemistry of Porphyrins*
Surface and Interface Science Laboratory, RIKEN, Saitama, Japan, 11.11.2014

177) *Ionic Liquid Surface Science*
Tokyo Institute of Technology, Tokyo, Japan, 12.11.2014

178) *Ionic Liquid Surface Science*
Department of Materials Engineering Sciene, Osaka University, Osaka, Japan, 13.11.2014

179) *Surface and Interface Properties of Ionic Liquids*
Keynote Lecture, The 1st International Symposium on Interactive Materials Science Cadet Program (1ISMSC), Osaka, Japan, 17.11.2014

180) *Surface Science of Complex Molecular Systems*
Physikalisch-Chemisches Kolloquium and SFB 1083 Kolloquium, Universität Marburg, 15.01.2015

181) *Chemical reactions of porphyrins on surfaces*
SFB 951, Berlin, 19./20.02.2015

182) *Ionic Liquid Surface Science*
Universidad de Buenos Aires, Argentina, 30.03.2015

183) *In situ studies of surface reactions*
Atomic Center, Institute Balseiro, San Carlos de Bariloche, Argentina, 09.04.2015

184) *Surface chemistry of complex molecular systems*
Plenary Lecture, Biannual Argentine National Physical Chemistry Meeting (XIX Congreso Argentino de Fisicoquímica y Química Inorgánica), Buenos Aires, Argentina, 12.-15.4.2015

185) *Ionic Liquid Surface Science*
Symposium on "Present Challenges in Surface Science and Photon-Driven Phenomena at Interfaces", München, 23./24.04.2015

186) *Surface Chemistry on supported graphene*
Hungarian Academy of Sciences, Budapest, 26.05.2015

187) *Surface Chemistry with porphyrins*
University of Szeged, Szeged, Hungary, 27.05.2015

188) *In situ studies of surface reactions by fast XPS*
International Exploratory Workshop on Photoelectrochemistry, Catalysis and X-ray Spectroscopy, EMPA, Dübendorf, Switzerland, 17.-19.08.2015

189) *Surface Chemistry of Complex Molecular Systems*
Bilateral Symposium “Advanced Materials for Electronic Applications”, Bangkok, Thailand, 25.-27.08.2015

190) *Surface Chemistry of Supported Graphene*
Catalysis Summit 2015, Filzmoos, Austria, 24.-27.09.2015

191) *Interfaces of Ionic Liquids*
AVS Symposium, San Jose, California, USA, 18.-23.10.2015

192) *Surface and Interface Science of Complex Molecular Systems*
Workshop on "Ambient Pressure HAXPES", DESY, Hamburg, 27.11.2015

193) *X-ray photoelectron spectroscopy of complex molecular systems*
Ceremonial Lecture, Universität Oldenburg, 02.02.2016

194) *In situ studies of surface reactions*
31st Workshop on Novel Materials and Superconductors, Obertraun, Österreich, 07.-13.02.2016

195) *Ionic Liquid Surface Science*
Overview talk, DPG meeting, Regensburg, 07.-11.03.2016

196) *Advances in Surface and Interface Science of Ionic Liquids*
251. ACS-Meeting, Symposium in Honor of M. B. Shiflett, Division of Industrial & Engineering Chemistry, San Diego, USA, 14.03.2016

197) *In situ studies of surface reactions – from small molecules to liquid organic hydrogen carriers*
Plenary lecture, 14th European Vacuum Conference (EVC 14), Portorož, Slovenia, 06.-10.06.2016

198) *Surface chemistry in complex organic layers - Metalation of porphyrins on metals and oxides*
International Conference on Solid Films and Surfaces (ICSFS 18), Chemnitz, 28.08.-02.09.2016

199) *Ionic liquids and their interfaces - a surface science perspective*
Catalysis Summit 2016, Filzmoos, Austria, 22.-25.09.2016

200) *Chemistry at complex interfaces*
International Symposium "Pioneering New Fields: Forefront of RIKEN's Science and Beyond", Tokyo, Japan, 21.-22.11.2016

201) *Ionic Liquids and their interfaces*
Jahrestagung der Schweizerischen Arbeitsgemeinschaft Oberflächen und Grenzflächen (SAOG), Fribourg, Switzerland, 27.01.2017

202) *Chemical reactions at ionic liquid interfaces*
Gordon Research Conference, Lucca, Tuscany, Italy, 05.-10.02.2017

203) *Analysis of Ionic Liquid Interfaces in Catalysis*
Keynote Lecture, Analytix, Fukuoka, Japan, 22.-24.03.2017

204) *In situ studies of surface and interface reactions*
DESY-FAU-HZB Symposium, Erlangen, 29.-30.05.2017

205) *Surface science of complex molecular systems - from supported graphene to hydrogen carrier molecules*
Keynote Lecture, Second International Conference on Applied Surface Science, Dalian, China, 12.-15.06.2017

206) *In situ studies of surface reactions - from small molecules to energy storage materials*
University of Science and Technology of China (USTC), Hefei, Anhui, China, 16.06.2017

207) *Surface chemistry of complex systems – from small molecules to graphene and energy storage materials*
Department of Chemistry, Rutgers University, Piscataway, USA, 30.07.2017

208) *In situ metalation of porphyrins on metals and oxides*
Laboratory for Surface Modification, Rutgers University, Piscataway, USA, 01.08.2017

209) *In situ studies of surface reactions - from simple to complex systems*
Harvard University, Cambridge, USA, 08.08.2017

210) *Chemical Reactions in Ionic Liquids Monitored through the Gas (Vacuum)/Liquid Interface*
ECOSS 33, Szeged, Hungary, 28.08.-01.09.2017

211) *Surface Chemistry of Complex Systems - In situ metalation of porphyrins on metals & oxides*
Catalysis Summit, Filzmoos, Austria, 21.-24.09.2017

212) *Surface Chemistry of Complex Materials*
Plenary Lecture, Österreichische Chemie Tage 2017 (Austrian Chemistry Days der GÖCh), Salzburg, 25.-28.09.2017

213) *Surface chemistry of complex molecular systems - from graphene to energy storage molecules*
International Symposium on Surface Science, ISSS-8, Tsukuba, Japan, 22.-26.10.2017

214) *Ionic Liquid Surface Science*
Medard W. Welch Award Lecture, AVS Meeting, Tampa, Florida, USA, 29.10.-03.11.2017

215) *In situ studies of surface reactions*
Workshop Surface Science RIO, WS2Rio, Brazilian Center for Research in Physics (CBPF), Rio de Janeiro, Brazil, 06.11.2017

216) *In situ studies of complex molecular systems OR What I would like to do with ionic liquids!*
Minisymposium "Hot Topics in Ionic Liquids", Erlangen, 07.-08.12.2018

217) *Following reactions in ionic liquids through the outer surface by X-ray photoelectron spectroscopy*
Keynote Lecture, 255. ACS-Meeting, Symposium "Physical Chemistry of Ionic Liquids", New Orleans, USA, 08.-22.03.2018

218) *In situ studies of surface reactions*
University of Washington, Seattle, USA, 30.04.2018

219) *Surface Chemistry of Complex Materials*
Symposium, 80th birthday of Prof. R. J. Madix, Stanford University, USA, 07.05.2018

220) *Metalation of porphyrins on metals and oxides in vacuum and in the liquid phase*
Advanced Light Source, University of California, Berkeley, USA, 08.05.2018

221) *In situ metalation of porphyrins on solid surfaces*
SFB 840 Kolloquium, Universität Bayreuth, 18.06.2018

222) *Metalation of porphyrins on metal and oxide surfaces*
GDCh Kolloquium, Universität Leipzig, 12.07.2018

223) *Fundamental surface science studies addressing chemical energy storage systems*
Int. Workshop of Synchrotron Radiation Spectroscopies for Energy Related Materials (IWSERM-2018), Hefei, China, 02.-05.09.2018

224) *Surface science of low-vapor-pressure liquids*
Plenary Talk, ÖPG meeting, Graz, Austria, 11.-14.09.2018

225) *Liquid Interfaces*
Catalysis Summit, Filzmoos, Austria, 20.-23.09.2018

226) *Ionic Liquid Surface Science*
10th Brazilian-German Workshop on Applied Surface Science, Bad Dürkheim, Germany, 23.-28.09.2018

227) *Angle resolved X-ray photoelectron spectroscopy of low-vapor-pressure liquids*
14th International Conference on Electronic Spectroscopy and Structure (ICESS-14), Shanghai, China, 08.-12.10.2018

228) *In situ metalation of porphyrins on solid surfaces*
Symposium on “Charge Transfer in Metal-Organic Systems at Surfaces”, University of Warwick, UK, 14.11.2018

229) *Surface chemistry with porphyrins on metal and oxide surfaces*
10th Singapore International Chemistry Conference (SICC-10), Singapore, 16.-19.12.2018

230) *Ionic Liquid Surface Science*
Morino Lectureship, Osaka University, Osaka, Japan, 22.03.2019

231) *Surface science of complex molecular systems - from supported graphene to energy storage molecules*
Morino Lectureship, Kyoto University, Kyoto, Japan, 25.03.2019

232) *In situ metalation of porphyrins on metal and oxide surfaces*
Morino Lectureship, Institute of Molecular Science, Okasaki, Japan, 26.03.2019

233) *Surface Science of Low Vapor Pressure Liquids*
Plenary lecture, International Symposium on Molecular Science 2019, and Morino Lectureship, Tokyo Institute of Technology, Tokyo, Japan, 28.03.2019

234) *Ionic Liquid Adsorption and Ion Exchange Processes at Single Crystal Surfaces*
ACS Symposium in Honor of Hajo Freund, Orlando, USA, 01.-04.04.2019

235) *New catalytic concepts using low-vapor-pressure liquids*
World Chemistry Forum 2019, Barcelona, Spain, 22.-24.05.2019

236) *Surface Science of Low Vapor Pressure Liquids*
5th Russian-German seminar on Catalysis "Bridging the Gap between Model and Real Catalysis. Synchrotron radiation in catalysis", Novosibirsk, Russia, 23.-26.06.2019

237) *Surface reactions of complex molecular systems: from supported graphene to hydrogen storage molecules*
ACS, San Diego, USA, 25.-29.08.2019

238) *Surface Science of complex molecular systems: free-base porpyhrins on Cu(111)*
Catalysis Summit, Filzmoos, Austria, 26.-29.09.2019

239) *Surface chemistry of complex molecular systems*
Symposium "Crossroads in Physical Chemistry - Experiment meets Theory" in Honor of Professor Joachim Sauer and Professor Hajo Freund, Berlin, 14./15.10.2019

240) *Surface chemistry of complex molecular systems – from supported graphene to energy storage molecules*
Shenzhen University, Shenzhen, China, 21.10.2019

241) *Synchrotron radiation studies of complex surface reactions*
University of Science and Technology of China (USTC), Hefei, China, 25.10.2019

242) *Dynamic processes at the interfaces of molecular systems*
Soochow University, Suzhou, China, 28.10.2019

243) *Surface reactions on supported 2D materials*
Valencia-Erlangen Symposium on the Chemistry and Physics of 2D Materials, Valencia, Spain, 12.-14.11.2019

244) *Ionic Liquid Adsorption and Ion Exchange Processes at Single Crystal Surfaces*
XXII. Symposium on Atomic, Cluster and Surface Physics, SASP'20, St. Moritz, Switzerland, 02.-07.02.2020

245) *Ionic Liquid Surface Science*
"FORUM OF GREAT MINDS" Lectureship, University of Science and Technology of China (USTC), Hefei, China, 27.11.2020, online

246) *Catalytic concepts with ionic liquids – a surface science perspective*
TrackAct-Seminar, SFB 1441 "Tracking the Active Site in Heterogeneous Catalysis for Emission Control", Karlsruhe Institute of Technology (KIT), Karlsruhe, 16.7.2021, online

247) *News from ionic liquid surface science*
Catalysis Summit, 23.-26.09.2021, Filzmoos, Österreich

248) *Catalytic concepts with ionic liquids - a surface science perspective*
International Conference and Expo on Catalysis, Chemical Engineering and Technology, Vancouver, Kanada, 28.10.2021, online

249) *Modern aspects of X-ray photoelectron spectroscopy*
State Key Laboratory of Advanced Technology for Material Synthesis and Processing, Wuhan University of Technology, China, 02.11.2021, online

250) *Interfaces of ionic liquids*
GDCh-Kolloquium, Universität Stuttgart, 11.11.2021

251) *X-ray photoelectron spectroscopy - an introductionary lecture*
International Erasmus Mundus Master Programme "Surface, Electro-, Radiation, and Photo-Chemistry (SERP+)", Paris-Saclay University (Frankreich), Adam Mickiewicz University (Polen), University of Genoa (Italien) and University of Porto (Portugal), 16.11.2021, online

252) *Surface Science of complex molecular systems*
Topic talk at the General Assembly of the Collaborative Research Centre (CRC) 1415 "Chemistry of Synthetic Two-Dimensional Materials", TU Dresden, 13.12.2021, online

253) *Surface chemistry of complex molecular systems - from energy storage molecules to supported graphene*
State Key Laboratory of Advanced Technology for Material Synthesis and Processing, Wuhan University of Technology, China, 11.01.2022, online

254) *In situ Metallation of Porphyrins on metal and oxide surfaces*
University of Pittsburgh, USA, 21.02.2022, online

255) *On the interaction of ionic liquids with single crystal surfaces*
263. ACS Meeting, Symposium on "Surface Chemistry", San Diego, USA, 20.-24.03.2022, online

256) *Ionic Liquid Surface Science*
11th Brazilian-German Brazilian Workshop, Manaos, Brazil, 19.-24.04.2022

257) *Insights in the liquid-solid interface of supported ionic liquids*
9th Irsee Symposium, Bad Irsee, Germany, 16.-19.06.2022

258) *Fundamental Aspects of Ionic Liquid Interfaces*
Plenary Lecture, YOURHETCAT 2022, 1st Forum of Young Researchers on Heterogeneous Catalysis, Szeged, Hungary, 11.-13.7.2022

259) *Surface Science of Complex Molecular Systems*
Keynote Lecture at the 22nd International Vacuum Congress, Sapporo, Japan, 11.-16.09.2022, online

260) *New experimental techniques in ionic liquid surface science*
Catalysis Summit, Filzmoos, Austria, 22.-25.9.2022

261) *Examples for successful German-Latin America collaborations in fundamental interface science*
Humboldt-Kolleg "Expanding the Frontiers of Science: A Transdisciplinary Approach", Montevideo, Uruguay, 27.-29.10.2022

262) *Mobility and reactivity of porphyrins on metal surfaces*
Campinas University, Brazil, 31.10.2022

263) *Tailoring Mobility and Reactivity of Porphyrins on Metal Surfaces*
FUNSOM International Forum, Institute of Functional Nano & Soft Materials (FUNSOM), Soochow University, China, 15.11.2022, online

264) *Molecules in Energy Storage and Release – A Surface Science Perspective*
Bunsentagung, Berlin, 05.-07.06.2023

265) *Porphyrin adsorption on metal and oxide surfaces - a surface science perspective*
State Key Laboratory of Advanced Technology for Material Synthesis and Processing, Wuhan University of Technology, 17.7.2023, online

266) *Mobility and reactivity of porphyrins on metal surfaces*
ACS-Meeting, Symposium in Honor of Cynthia M. Friend, San Francisco, USA, 13.-17.8.2023

267) *Energy Storage in Molecules – A Surface Science Perspective*
Forum on Green Catalysis Utilizing and Producing Renewable Energies at the 25th Annual Meeting of the Chinese Association of Science and Technology, Hefei, China, 21.-23.10.2023

268) *Tailoring the mobility and reactivity of porphyrins on metal surfaces*
University of Science and Technology of China (USTC), Hefei, China, 26.10.2023

269) *Energy Storage in Molecules - Fundamental Surface Science Studies*
Sochoow University, Suzhou, China, 30.10.2023

270) *Energy Storage in Molecules - Fundamental Surface Science Studies*
Suzhou Institute of Nano-Tech and Nano-Bionics (SINANO) of the Chinese Academy of Sciences (CAS), Suzhou, China, 30.10.2023

271) *Molecular level insights into the properties of ionic liquid-modified Pt(111) surfaces*
ACS-Meeting, Symposium "Gabor A. Somorjai Award to Prof. Charlie Campbell for Creative Research in Catalysis", New Orleans, USA, 17.-21.03.2024

272) *The buoy effect - surface enrichment of Pt complexes in ionic liquid solutions by ligand design*
ACS-Meeting, Symposium "Physical Chemistry of Ionic Liquids", New Orleans, USA, 17.-21.03.2024

273) *Ionic liquid interfaces*
State Key Laboratory of Advanced Technology for Material Synthesis and Processing, Wuhan University of Technology, China, 06.05.2024, online

274) *Surface Modification by Ionic Liquids*
Autumn Meeting of the Brazilian Physical Society, Florianopolis, Brazil, 19.-23.05.2024

275) *Surface enrichment of Pt complexes in ionic liquid solutions - The buoy effect*
10th Irsee Symposium, Irsee, Germany, 06.-09.06.2024

276) *Modification of the surface properties of a Pt(111) surface by ionic liquids*
17th European Vacuum Conference (EVC-17) and 37th European Conference on Surface Science (ECOSS-37), Harrogate, UK, 17.-21.06.2024

277) *News from ionic liquid interfaces*
Catalysis Summit, Filzmoos, Austria, 26.-29.09.2024

278) *The Power of XPS - An Introductury Lecture*
Soochow University, China, 12.10.2024

279) *Interface studies of ionic liquids by lab-based X-ray photoelectron spectrocopy*
Radiation Facility (SSRF), China, 12.-13.10.2024

280) *Fundamental insights into Ionic liquid interfaces*
University of Science and Technology of China (USTC), Hefei, China, 14.10.2024

281) *Surface Science studies of Ionic liquid interfaces*
Soochow University, China, 18.10.2024

282) *Molecules in Energy Storage and Release – A Surface Science Perspective*
Opening Plenary Lecture, 10th Argentinian Meeting on Physics and Chemistry of Surfaces (X- EFQS), Bariloche, Argentina, 06.-08.11.2024

283) *Tailoring the enrichment of metal complexes at ionic liquid surfaces*
ACS-Meeting, San Diego, USA, 23.-27.03.2025

284) *Tailoring the surfaces of ionic liquids - the buoy concept*
University of California, Riverside, USA, March 2025

285) *Studying the surfaces of liquids*
Symposium in the honor of the 90th birthday of Professor Dietrich Menzel, Munic, Germany, 30.04.2025