

# LIST OF PUBLICATIONS

Prof. Dr. Pierre BRODARD

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### 50. Conference Report: STK Annual Meeting 2023

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*Chimia*, 78, 2024, 453.

### 49. Up-scaling a sol-gel process for the production of a multi-component xerogel powder

B. Pföss, J. Caldi, S. Jansod, C. Allemann, P. Brodard and R. Marti

*Chimia*, 78, 2024, 142.

### 48. Conference Report: STK Annual Meeting 2022

P. Brodard

*Chimia*, 77, 2023, 706.

### 47. Development, validation, and application of a custom-made mini-reaction calorimeter for thermal safety screening

C. Blum, L. Amini-Rentsch, T. Ferrari, P. Brodard, R. Marti, P. Hoehn, M. Dabros and M. Parmentier

*Organic Process Research & Development*, 26, 2022, 2624.

### 46. Thermal safety and structure-related reactivity investigation of five-membered cyclic sulfamidates

T. Ferrari, C. Blum, L. Amini-Rentsch, P. Brodard, M. Dabros, P. Hoehn, A. Udvarhelyi, R. Marti and M. Parmentier

*Organic Process Research & Development*, 26, 2022, 2614.

### 45. A nano-rattle SnO<sub>2</sub>@carbon composite anode material for high-energy Li-ion batteries by melt diffusion impregnation

S. Maharajan, N. H. Kwon, P. Brodard and K. M. Fromm

*Nanomaterials*, 2020, 804.

### 44. Melt-spun nanocomposite fibers reinforced with aligned tunicate nanocrystals

A. Redondo, S. Chatterjee, P. Brodard, L. T. J. Korley, C. Weder, I. Gunkel and U. Steiner

*Polymers*, 11, 2019, 1912.

### 43. Conference Report: STK Annual Meeting 2019

P. Brodard

*Chimia*, 73, 2019, 770.

### 42. Raman spectroscopy assisted residual stress measurement of plasma sprayed and laser remelted zirconia splats and coatings

B. Das, P. Brodard and P.P. Bandyopadhyay

*Surface & Coatings Technology*, 378, 2019, 124920.

### 41. Materials Science at Swiss Universities of Applied Sciences

P. Brodard, M. Dabros, R. Marti, E. Vanoli, M. Zinn, U. Frey, C. Adlhart, L. Kind, F. Koch, F. Burgio, J. Stenqvist, S. Saxer, U. Pielas, P. Shahgaldian and S. Wendeborn

*Chimia*, 73, 2019, 645.

#### **40. Conference Report: STK Annual Meeting 2018**

P. Brodard

*Chimia*, 72, 2018, 667.

#### **39. Characteristics and properties of nano-LiCoO<sub>2</sub> synthesized by pre-organized single source precursors: Li-ion diffusivity, electrochemistry and biological assessment**

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*Journal of Nanobiotechnology*, 15:58, 2017.

#### **38. Characteristics of plasma sprayed coatings produced from carbon nanotube doped ceramic powder feedstock**

S. C. Jambagi, S. Kar, P. Brodard and P. P. Bandyopadhyay

*Materials and Design*, 112, 2016, 392.

#### **37. Life and death of plastics**

Y. Mongbanziama, S. Aeby, M. Kaehr, V. Pilloud, J.-L. Robyr, B. Masserey, S. Hengsberger, S. Roth and P. Brodard

*Chimia*, 70, 2016, 649.

#### **36. New kinetic approach for evaluation of hazard indicators based on merging DSC and ARC or large scale tests**

B. Roduit, M. Hartmann, P. Folly, A. Sarbach, P. Brodard and R. Baltensperger

*Chemical Engineering Transactions*, 48, 2016, 37.

#### **35. Distribution of silica-coated silver/gold nanostars in soft- and hardwood applying SERS-based imaging**

C. Geers, L. Rodriguez-Lorenzo, M.I. Placencia Pena, P. Brodard, T. Volkmer, B. Rothen-Rutishauser and A. Petri-Fink

*Langmuir*, 32, 2016, 274.

#### **34. Thermal decomposition of AIBN, Part B: Simulation of SADT value based on DSC results and large scale tests according to conventional and new kinetic merging approach**

B. Roduit, M. Hartmann, P. Folly, A. Sarbach, P. Brodard and R. Baltensperger

*Thermochimica Acta*, 621, 2015, 6.

#### **33. Une poignée d'épée de type "Rheingönheim" à Marsens**

A. Schenk, P. Brodard and S. Roth

*Cahiers d'Archéologie Fribourgeoise*, 16, 2014, 42.

#### **32. Surface Chemistry at Swiss Universities of Applied Sciences**

P. Brodard, M. E. Pfeifer, C. Adlhart, U. Pielles and P. Shahgaldian

*Chimia*, 68, 2014, 560.

#### **31. Impact of composite structure and morphology on electronic and ionic conductivity of carbon contained LiCoO<sub>2</sub> cathode**

N. H. Kwon, H. Yin, P. Brodard, C. Sugnaux and K. M. Fromm

*Electrochimica Acta*, 134, 2014, 215.

#### **30. Determination of thermal hazard from DSC measurements. Investigation of self-accelerating decomposition temperature (SADT) of AIBN**

B. Roduit, M. Hartmann, P. Folly, A. Sarbach, P. Brodard and R. Baltensperger

*Journal of Thermal Analysis and Calorimetry*, 117, 2014, 1017.

#### **29. Visualization of gold/silver nanostars in wood by surface enhanced Raman spectroscopy**

C. Geers, L. Rodriguez-Lorenzo, M.I. Placencia Pena, P. Brodard, T. Volkmer, B. Rothen-Rutishauser and A. Petri-Fink

*Proceedings IRG Annual Meeting*, 2014, IRG/WP 14-30653.

**28. Kinetics of the chrysotile and brucite dehydroxylation reaction: a combined non-isothermal/isothermal thermogravimetric analysis and high-temperature X-ray powder diffraction study**

R. Trittschack, B. Grobéty and P. Brodard

*Physics and Chemistry of Minerals*, 41, 2014, 197.

**27. Non-destructive localization and identification of active pharmaceutical compounds by Raman chemical imaging**

P. Brodard, S. Roth and O. Vorlet

*Chimia*, 67, 2013, 923.

**26. Green synthesis of mono- and disubstituted pyridine via aromatic nucleophilic substitution**

E. Vanoli, R. Marti, J.-P. Bourgeois, P. Brodard, R. Despland, J. Horner and F. Gallou

*Chimia*, 67, 2013, 656.

**25. Elevated temperature, in-situ indentation with calibrated contact temperatures**

J.M. Wheeler, P. Brodard and J. Michler

*Philosophical Magazine*, 92, 2012, 3128.

**24. Synthesis and attachment of silver nanowires on atomic force microscopy cantilevers for tip-enhanced Raman spectroscopy**

P. Brodard, M. Bechelany, L. Philippe and J. Michler

*Journal of Raman Spectroscopy*, 43, 2012, 745.

**23. Electrodeposition of gold thin films with controlled morphologies and their applications in electrocatalysis and SERS**

J. Elias, M. Gisowska, P. Brodard, R. Widmer, Y. de Hazan, T. Graule, J. Michler and L. Philippe

*Nanotechnology*, 23, 2012, 255705.

**22. Electrodeposition of amorphous silicon in non-oxygenated organic solvent**

M. Bechelany, J. Elias, P. Brodard, J. Michler and L. Philippe

*Thin Solid Films*, 520, 2012, 1895.

**21. Influence of experimental parameters on the synthesis of gold nanoparticles by electroless deposition**

M. Bechelany, J. Elias, J. Hankache, P. Brodard, L. Philippe and J. Michler

*Advanced Materials Research*, 324, 2011, 125.

**20. Gold flails by electrochemical deposition: The role of gelatin**

J. Elias, P. Brodard, M. G. C. Vernooij, J. Michler and L. Philippe

*Electrochimica Acta*, 56, 2011, 1485.

**19. In situ micro-Raman compression: Characterization of plasticity and fracture in GaAs**

R. Ghisleni, J. Liu, R. Raghavan, P. Brodard, A. Lugstein, K. Wasmer and J. Michler

*Philosophical Magazine*, 91, 2011, 1286.

**18. Combinatorial chemical beam epitaxy of lithium niobate thin films on sapphire**

A. Dabirian, S. Harada, Y. Kuzminykh, S. Cosmin Sandu, E. Wagner, G. Benvenuti, P. Brodard, S. Rushworth, P. Murali and P. Hoffmann

*Journal of The Electrochemical Society*, 158 (2), 2011, D72.

**17. Combinatorial high-vacuum chemical vapor deposition of textured hafnium-doped lithium niobate thin films on sapphire**

A. Dabirian, Y. Kuzminykh, S. Cosmin Sandu, S. Harada, E. Wagner, P. Brodard, G. Benvenuti, S. Rushworth, P. Murali and P. Hoffmann

*Crystal Growth & Design*, 11, 2011, 203.

- 16. Synthesis and nanosoldering of nanowires for tip-enhanced Raman spectroscopy**  
P. Brodard, M. Bechelany, L. Philippe and J. Michler  
*AIP Conference Proceedings*, 1267, **2010**, 245.
- 15. Electrochemical synthesis of silver and gold nanostructures for surface-enhanced Raman spectroscopy**  
P. Brodard, M. Bechelany, J. Elias, L. Philippe and J. Michler  
*AIP Conference Proceedings*, 1267, **2010**, 970.
- 14. Simple synthetic route for SERS-active gold nanoparticles substrate with controlled shape and organization**  
M. Bechelany, P. Brodard, J. Elias, A. Brioude, J. Michler and L. Philippe  
*Langmuir*, 26, **2010**, 14364.
- 13. Extended domains of organized nanorings of silver grains as surface-enhanced Raman scattering sensors for molecular detection**  
M. Bechelany, P. Brodard, L. Philippe and J. Michler  
*Nanotechnology*, 20, **2009**, 455302.
- 12. Modified herringbone reconstruction on Au(111) induced by self-assembled Azure A islands**  
F. Rossel, P. Brodard, F. Patthey, N. V. Richardson and W.-D. Schneider  
*Surface Science*, 602, **2008**, L115.
- 11. Single-molecule luminescence spectroscopy induced by local electron tunneling**  
P. Brodard  
*Chimia*, 61, **2007**, 613.
- 10. Scanning tunneling microscopy for self-assembled monolayers**  
P. Brodard and H. Fukumura  
*Advanced Chemistry of Monolayers at Interfaces: Trends in Methodology and Technology*, Vol. 14, Elsevier, **2007**, 1.
- 9. Development of STM combined with emission detection system and observation of single molecule fluorescence**  
M. Yoshidome, H. Matsuda, P. Brodard and H. Fukumura  
*Nippon Kagakkai Koen Yokoshu*, 85, **2005**, 332.
- 8. Transient grating investigations at liquid-liquid interfaces**  
A. Punzi, P. Brodard and E. Vauthey  
*Chimia*, 59, **2005**, 116.
- 7. Helicates of chiragen-type ligands and their aptitude for chiral self-recognition**  
O. Mamula, A. v. Zelewsky, P. Brodard, C.-W. Schl pfer, G. Bernardinelli and H. Stoeckli-Evans  
*Chemistry - A European Journal*, 11, **2005**, 3049.
- 6. Application of transient evanescent grating techniques to the study of liquid/liquid interfaces**  
P. Brodard and E. Vauthey  
*Journal of Physical Chemistry B*, 109, **2005**, 4668.
- 5. Mechanism of exciplex decay: the quantum yields and the rate constants of radical ion formation from exciplexes with partial charge transfer**  
D. N. Dogadkin, E. V. Dolotova, I. V. Soboleva, M. G. Kuzmin, V. F. Plyusnin, I. P. Pozdnyakov, V. P. Grivin, E. Vauthey, P. Brodard and O. Nicolet  
*High Energy Chemistry*, 38, **2004**, 392.
- 4. Exploring liquid-liquid interfaces with transient evanescent grating techniques**  
P. Brodard and E. Vauthey  
*Review of Scientific Instruments*, 74, **2003**, 725.

**3. Excited-state dynamics of organic radical ions in liquids and in low-temperature matrices**

P. Brodard, A. Sarbach, J.-C. Gomy, T. Bally and E. Vauthey

*Journal of Physical Chemistry A*, 105, **2001**, 6594.

**2. Determination of the energy of the (d,d) electronic state involved in the radiationless deactivation of photoexcited nickel tetraphenylporphine**

P. Brodard and E. Vauthey

*Chemical Physics Letters*, 309, **1999**, 198.

**1. Investigations of electronic energy transfer dynamics in multiporphyrin arrays**

P. Brodard, S. Matzinger, E. Vauthey, O. Mongin, C. Papamicaël and A. Gossauer

*Journal of Physical Chemistry A*, 103, **1999**, 5858.

## CONFERENCE CONTRIBUTIONS

### **64. Thermal analysis in Switzerland: study of the degradation of industrial polymers & innovative experimental developments**

P. Brodard

*Symposium on Thermal Analysis and Calorimetry of the Romanian Academy, Timisoara (Romania), May 2019*

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### **63. Measurement of residual stress in plasma sprayed yttria stabilized zirconia splats using micro-Raman spectroscopy**

Partha P. Bandyopadhyay and P. Brodard

*Swiss Raman Users Day, Affoltern am Albis (Switzerland), November 2018*

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### **62. STK - The swiss society for thermal analysis and calorimetry**

P. Brodard

*Prof. F. Stoessel's Retirement Colloquium: "Safety: cost factor or innovation driver?", Basel (Switzerland), June 2017*

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### **61. POLYAGE & POLYLIFE projects: lifetime prediction of polymers by physical and chemical characterization of their degradation and simulation of their ageing**

P. Brodard, B. Masserey, J.-L. Robyr, S. Hengsberger, S. Roth, S. Aeby, Y. Mongbanziama, M. Kaehr and V. Pilloud

*ILMAC - Competence in Process and Laboratory Technology, Basel (Switzerland), September 2016*

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### **60. Kinetic parameters of the thermal degradation of polymers by chemiluminescence**

Y. Mongbanziama, S. Aeby, S. Roth and P. Brodard

*Annual Meeting of the Swiss Chemical Society-Photochemistry Section, Zurich (Switzerland), September 2015*

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### **59. Micro-SORS subsurface analysis: spatially offset Raman spectroscopy with a standard micro-Raman spectrometer**

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*Swiss Raman Users Day, Bern (Switzerland), May 2015*

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### **58. Raman imaging: how to create maps of materials properties down to the nanoscale**

P. Brodard

*Fribourg Chemical Society Lectures, Fribourg (Switzerland), March 2015*

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### **57. Gold-coated polyacrylonitrile (PAN) fibers of nanometer size as SERS enhancers**

P. Brodard, Y. Mongbanziama, M. Oguey and M. Bechelany

*Annual SAOG Meeting, Fribourg (Switzerland), January 2015*

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### **56. Application of DSC, advanced kinetic approach and heat balance for determination of thermal hazard**

B. Roduit, M. Hartmann, P. Folly, A. Sarbach, P. Brodard and R. Baltensperger

*European Symposium on Thermal Analysis and Calorimetry, Espoo (Finland), August 2014*

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### **55. Non-destructive localization and identification of active pharmaceutical compounds by Raman chemical imaging**

P. Brodard, S. Roth and O. Vorlet

*International Conference on Raman Spectroscopy, Jena (Germany), August 2014*

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**54. Gold-coated polyacrylonitrile (PAN) fibers of nanometer size as SERS enhancers**

P. Brodard, Y. Mongbanziama, M. Oguey and M. Bechelany

*International Conference on Raman Spectroscopy, Jena (Germany), August 2014*

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**53. Polymorphism of chocolate**

S. Almeida, N. Allemann and P. Brodard

*STK Meeting: Thermal Analysis & Calorimetry as Tool for Research & Development, Fribourg (Switzerland), June 2014*

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**52. Non-destructive localization and identification of active pharmaceutical compounds by Raman chemical imaging**

P. Brodard

*Swiss Raman Users Day, Lausanne (Switzerland), April 2014*

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**51. Building bridges**

P. Brodard

*EMPA Thun Weihnachtsessen, Thun (Switzerland), December 2013*

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**50. Impregnation and distribution studies of model nanoparticles in wood**

C. Geers, L. Rodríguez-Lorenzo, P. Brodard, B. Grobety, B. Rothen-Rutishauser, T. Volkmer and A. Fink

*IRG44: International Research Group on Wood Protection, 44<sup>th</sup> Annual Meeting, Stockholm (Sweden), June 2013*

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**49. C80 versus DSC: comparison and specific applications**

L. Brandinu, C. Guinand and P. Brodard

*STK Meeting: Thermal Analysis and Calorimetry, a Powerful Tool in Process Industries, Buchs (Switzerland), June 2013*

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**48. In-situ Raman spectroscopy characterization of polyhydroxyalkanoate (PHA, biodegradable polyester) synthesized by bacterial fermentation of sustainable resources**

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**47. Scale-up based on advanced kinetics. Influence of DTBP/toluene ratio on the thermal behavior of samples in mg, kg and ton-scales**

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**46. Adding Tip-enhanced Raman Spectroscopy Functionality to the "NanoBits" Toolbox Concept for Atomic Force Microscopy**

G. Gamez, V. LeNader, P. Brodard, M. Bartenwerfer and J. Michler

*FACSS Meeting: Federation of Analytical Chemistry and Spectroscopy Societies, Kansas City (USA), September 2012*

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**45. Preparation and characterization of electrodeposited gold SERS substrates**

P. Brodard, J. Elias, L. Philippe and J. Michler

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**44. Les nanostructures et la spectroscopie Raman: senseurs chimiques ultrasensibles**

P. Brodard

*Nanotechnologie à Fribourg: une conférence pour les industriels, Fribourg (Switzerland), July 2012*

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**43. Raman spectroscopy of nanostructures**

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**42. Raman spectroscopy of nanostructures: mechanics and plasmonics**

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*Symposium on Confocal Raman Imaging, Ulm (Germany), October 2011*

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**41. Metallic nanostructures for plasmon-enhanced Raman spectroscopy**

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*Nanoplasmonic Sensors and Spectroscopy, Gothenburg (Sweden), September 2011*

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**40. Controlled metallic nanostructuring for the fabrication of efficient surface-enhanced Raman spectroscopy substrates**

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*International Conference on Materials for Advanced Technologies, Singapore (Singapore), June 2011*

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*International Conference on Materials for Advanced Technologies, Singapore (Singapore), June 2011*

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P. Brodard and J. Michler

*Advanced Materials and Surfaces Day, Dübendorf (Switzerland), March 2011*

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**37. Residual stress in multicrystalline silicon thin film solar cells measured by Raman spectroscopy and EBSD cross-correlation technique**

P. Brodard, L. von Werra, X. Maeder, W. Mook and J. Michler

*Annual SAOG Meeting, Fribourg (Switzerland), January 2011*

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**36. Tip requirements for tip-enhanced Raman spectroscopy**

P. Brodard

*NanoBits Technical Meeting, Erlangen (Germany), December 2010*

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**35. Gold nanostructures for surface-enhanced Raman spectroscopy**

P. Brodard, M. Bechelany, J. Elias, L. Philippe, M. Jenke, I. Utke and J. Michler

*Fall Meeting of the Swiss Chemical Society, Zurich (Switzerland), September 2010*

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**34. Comparison of microscale measurement of residual stress in silicon using EBSD cross-correlation technique and confocal Raman microscopy**

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*Fall Meeting of the Swiss Chemical Society, Zurich (Switzerland), September 2010*

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**33. Surface and tip enhanced Raman spectroscopy of nanostructures**

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**32. Synthesis and nanosoldering of nanowires for tip-enhanced Raman spectroscopy**

P. Brodard, M. Bechelany, L. Philippe and J. Michler

*International Conference on Raman Spectroscopy, Boston (USA), August 2010*

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**31. Electrochemical synthesis of silver and gold nanostructures for surface-enhanced Raman spectroscopy**

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*International Conference on Raman Spectroscopy, Boston (USA), August 2010*

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**30. Synthesis and nanosoldering of silver nanowires on AFM cantilevers for tip-enhanced Raman spectroscopy (TERS)**

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*Annual SAOG Meeting, Fribourg (Switzerland), January 2010*

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P. Brodard

*Université du Sud, Toulon (France), January 2010*

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**28. Synthesis and nanosoldering of silver nanowires on AFM cantilevers for tip-enhanced Raman spectroscopy (TERS)**

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*Fall Meeting of the Swiss Chemical Society, Lausanne (Switzerland), September 2009*

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**27. Extended domains of organized nanorings of silver grains as SERS sensors for molecular detection**

M. Bechelany, P. Brodard, L. Philippe, X. Maeder and J. Michler

*Fall Meeting of the Swiss Chemical Society, Lausanne (Switzerland), September 2009*

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**26. Synthesis and nanosoldering of silver nanowires on atomic force microscopy (AFM) cantilevers for tip-enhanced Raman spectroscopy (TERS): a new technique for submicrometer stress analysis**

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*International Conference on Materials for Advanced Technologies, Singapore (Singapore), July 2009*

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**25. Synthesis and nanosoldering of silver nanowires on atomic force microscopy (AFM) cantilevers for tip-enhanced Raman spectroscopy (TERS)**

P. Brodard, M. Bechelany, L. Philippe and J. Michler

*Analytical Chemistry Symposium "Analyze That!", Zurich (Switzerland), May 2009*

POSTER

**24. Extended domains of organized nanorings of silver nanoparticles as SERS sensors for molecular detection**

M. Bechelany, P. Brodard, L. Philippe, X. Maeder and J. Michler

*Analytical Chemistry Symposium "Analyze That!", Zurich (Switzerland), May 2009*

POSTER

**23. Modified herringbone reconstruction on Au(111) induced by self-assembled Azure A islands**

P. Brodard, F. Rossel, F. Patthey, N. V. Richardson and W.-D. Schneider

*Symposium on Surface Science, St. Christoph am Arlberg (Austria), March 2008*

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**22. Modification of the herringbone reconstruction on the Au(111) surface induced by self-assembled Azure A molecules**

P. Brodard, F. Rossel, N. V. Richardson, F. Patthey and W.-D. Schneider

*molCHsurf Meeting, Bern (Switzerland), June 2007*

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**21. Morphology and electronic structure of self-assembled Azure A molecules on Au(111) investigated by low-temperature UHV-STM**

P. Brodard, F. Rossel, F. Patthey and W.-D. Schneider

*Symposium on Surface Science, Les Arcs (France), March 2007*

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**20. Self-assembly of Azure A molecules on a gold substrate investigated by scanning tunneling microscopy**

F. Rossel, P. Brodard, F. Patthey and W.-D. Schneider

*Fall Meeting of the Swiss Chemical Society, Zurich (Switzerland), October 2006*

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**19. Morphology and electronic structure of self-assembled organic molecules on surfaces investigated by low-temperature UHV-STM and STS**

P. Brodard, F. Rossel, F. Patthey and W.-D. Schneider

*International Symposium on Complex Molecular Architectures on Surfaces, Bonn (Germany), October 2006*

POSTER

**18. Self-assembly of Azure A molecules on Au(111) investigated by low-temperature STM**

F. Rossel, P. Brodard, F. Patthey and W.-D. Schneider

*International Conference on Nanoscience and Technology, Basel (Switzerland), July 2006*

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**17. In-situ Raman spectroscopy of nanostructures using scanning tunneling microscopy**

P. Brodard

*Université de Genève (Switzerland), November 2005*

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**16. Investigating interfacial systems at the limit of time and space resolution: transient evanescent gratings and tip-enhanced Raman spectroscopy**

P. Brodard

*ETH Zurich (Switzerland), August 2005*

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**15. Investigating interfacial systems at the limit of time and space resolution: transient evanescent gratings and tip-enhanced Raman spectroscopy**

P. Brodard

*EPFL Lausanne (Switzerland), August 2005*

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**14. Development of a high-sensitivity Raman spectrometer using scanning tunneling microscopy for single molecule detection at solid-liquid interfaces**

P. Brodard, M. Yoshidome and H. Fukumura

*International Conference on Organized Molecular Films, Sapporo (Japan), June 2005*

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**13. Transient gratings with evanescent waves: development of a technique for investigating liquid interfaces**

P. Brodard

*Ritsumeikan University, Kyoto (Japan), January 2005*

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**12. Transient gratings with evanescent waves: development of a technique for investigating liquid interfaces**

P. Brodard

*PhD thesis defense, Université de Genève (Switzerland), June 2004*

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**11. Scanning tunneling microscopy: towards nanosynthesis and submolecular spectroscopy**

P. Brodard

*PhD thesis exam, Université de Genève (Switzerland), May 2004*

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**10. Adsorption of surfactant molecules at oil/alcohol interfaces probed by transient evanescent gratings**

P. Brodard and E. Vauthey

*Tohoku University Annual Physical Chemistry Colloquium, Sendai (Japan), August 2003*

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**9. Transient gratings with evanescent waves: investigation of liquid-liquid interfaces by picosecond laser ultrasonics**

P. Brodard and E. Vauthey

*International Conference on Photochemistry, Nara (Japan), July 2003*

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**8. Réseaux transitoires évanescents: sonde laser continue et traitement du signal par transformation de Fourier**

P. Brodard and E. Vauthey

*Réunion Laser-Ultrasons, Paris (France), March 2003*

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**7. Liquid-liquid interfaces structure and thickness explored by transient evanescent gratings**

P. Brodard and E. Vauthey

*Fall Meeting of the Swiss Chemical Society, Basel (Switzerland), October 2002*

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**6. Exploring liquid-liquid interfaces with transient evanescent gratings**

P. Brodard and E. Vauthey

*International Conference on Photoacoustic and Photothermal Phenomena, Toronto (Canada), June 2002*

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**5. Transient evanescent grating investigations of the speed of sound at liquid-liquid interfaces**

P. Brodard and E. Vauthey

*Fall Meeting of the Swiss Chemical Society, Zurich (Switzerland), October 2001*

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**4. Transient evanescent grating investigations of the speed of sound at liquid-liquid interfaces**

P. Brodard and E. Vauthey

*Rencontre Lémanique Femtoseconde, Lausanne (Switzerland), October 2001*

POSTER

**3. Excited state dynamics of organic radical cations in liquids and in low temperature matrices**

P. Brodard, A. Sarbach and E. Vauthey

*Trinational Photochemistry Meeting, Lausanne (Switzerland), February 2001*

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**2. Transient evanescent grating: a new technique for investigating ultrafast photoinduced processes at liquid-liquid interface**

P. Brodard and E. Vauthey

*Fall Meeting of the Swiss Chemical Society, Lausanne (Switzerland), October 2000*

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**1. Investigation of the dynamics of energy transfer in multiporphyrin arrays**

P. Brodard, C. Högemann, E. Vauthey, O. Mongin, C. Papamicaël and A. Gossauer

*Fall Meeting of the Swiss Chemical Society, Zurich (Switzerland), October 1998*

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