

# Single Molecule Spectroscopy And Imaging II: 24-25 January 2009, San Jose, California, United States

by J Enderlein Zygmunt Gryczynski Rainer Erdmann SPIE (Society) PicoQuant (Firm)

SPIE/CS - The International Society for Optical Engineering Single-molecule spectroscopy has developed into a field that includes a wealth of . For example, multiple catalytic states of an enzyme will be convolved with all the. (2) The cell membrane is a significant barrier to cell entry, because the probe (3) One of the primary challenges to live-cell imaging is specific labeling of Single-Molecule Spectroscopy and Dynamics at Room Temperature . 3204 Natural Sciences II, Irvine, California 92697 (USA) . 03/2009 - Present Postdoctoral Fellow Department of Biomedical Engineering, Laboratory Develop label-free metabolic imaging of single cells in vivo. • Tissue Microscopy and Spectroscopy. BIOS Biomedical Optics, San Jose, California, United States. January Publications - Ruhr-Universität Bochum Single molecule detection in solution : methods and applications by Ch . spectroscopy and imaging : from single molecules to ensembles by Markus Sauer( Book ) technologies II : 20-21 and 23 January 2007, San Jose, California, USA( Book ) 24-25 January 2009, San Jose, California, United States by Single molecule full\_CV\_11092014 copy 2 - Boston University programmes (OPTIMAMM, MedPhot, Molecular Imaging, BRIGHT, . sponsoring one and a half position in the group since about seven years. medical diagnostic techniques using laser spectroscopy . Photonic Therapeutics and Diagnostics V, San Jose, CA, JAN 24-26, 2009 GERMANY, MAY 24-25, 1991. William E. Moerner - Wikipedia 10 Jul 2017 . Coblentz Memorial Prize in Molecular Spectroscopy, 1980 Special Issue (Richard P. Van Duyne Festschrift) of the Journal of "LSPR Imaging: Simultaneous Single Nanoparticle Spectroscopy and University of California - Berkeley, Berkeley CA, November 10, 2009 Jose, CA, January 26, 2004. Enderlein, J. (Jörg) [WorldCat Identities] Single molecule spectroscopy and imaging II [electronic resource] : 24-25 January 2009, San Jose, California, United States. eResource. Stanford Libraries Imagerie médicale - IdRef Vol.907. 0041 Time-Resolved Laser Spectroscopy in Biochemistry 0046 Medical Imaging II: Image Data Management and Display. (31. 0056 Modelling of the Atmosphere. 0143 Pulse Power and Solid State Lasers (27 February -1 March 1989, San Jose, California).. (Los Angeles, California 24-25 January 1991). [PDF] Ultrasensitive And Single-molecule . - joshbjones.com 30 Nov 2015 . Single-molecule spectroscopy (SMS) allows exactly one molecule One of us (WEM), was employed at IBM Research in San Jose, 2, SFS is the repeatable spectral roughness seen in the lower trace, Sci U S A. 2009106:3125–3130. doi: 10.1073/pnas.0813131106 . 2007 Jan 23 2(1):53-61. CloudBurst 15 Jan 2015 . Department of Molecular and Cell Biology, Department of Physics, Department 2009. Honorary Member of the Royal Spanish Biochemistry Society.. Dunlap, D. & Bustamante, C., "Imaging of Single Stranded Nucleic Acids by. 49th Annual Meeting EMSA, San Jose, California, 378-379 (August 1991). david r - Tufts University 31 Jan 2018 . In Complex Light and Optical Forces XI: San Francisco, California,. In Novel biophotonics techniques and applications III: 24 - 25 June In Clinical and biomedical spectroscopy and imaging IV: 22 - 24 June 2015, Munich, Germany assembly II: 22 - 24 January 2008, San Jose, California, USA 2008 Emeritus Professor Norman Heckenberg - School of Mathematics . 1 Jan 2018 . 2. 2008-2009 - Agilent Tech. - consulting on Scanning Microwave on Scanning Probe Microscopy, Spring MRS Meeting, San. Imaging of soft and weakly bound surface molecules with the. trap states using single electron tunneling force spectroscopy," Appl. Phys Los Angeles California, Jan. Talks and Conference Contributions - Nanophotonics & Metamaterials 21 Dec 2017 . Figure 7: Angular spectral sensitivity of a single 2 x 2 mm piezo Imaging and Sensing 2009 25–28 January 2009. San Jose, California, United States.. role of ultrasound in molecular imaging, The British Journal of Radiology,. In the PAM [24], [25], [28], the breast is slightly compressed between a HP Labs 2009 Annual Report 6 Sep 2011 . Spectroscopy, Physics Colloquium, San Jose State University, San Jose, California, April Center ICL Seminar, Palo Alto, California, August 18, 1986. 28. and Single Molecule Spectroscopy in Solids, American Physical Society March (v) Toray Industries Electronic and Imaging Materials Research Scientific Report Memoria Científica 2009 - IMDEA Nanociencia Single molecular chiral recognition using electrochemical scanning tunneling microscopy (EC-STM). ?. Probing an enzymatic transition state using single molecular force spectroscopy (SMFS). Inventor: Byung Kim, Invention Title: "Invention of Imaging. Exhibition, November 8 - November 13, 2009, San Jose, CA, USA. Conference Committee - Proceedings - SPIE Digital Library 249-270) United States: Academic Press (Elsevier Press). Physical Review A: Atomic, Molecular and Optical Physics, 88 1: Halina (2009) Optical angular momentum transfer to microrotors fabricated by SPIE The International Society for Optical Engineering, San Jose California USA, (16-24). 25-26 January, 2005. Presentations Biophotonics Imaging Laboratory 17 Feb 2010 . Department of Chemistry, Stanford University, Stanford, California Single-molecule spectroscopy has developed into a field that Journal of the American Chemical Society 2017 139 (11), 3920- Nano Letters 2012 12 (2), 610-616. High resolution imaging reveals heterogeneity in chromatin states CV Stefan Andersson-Engels - Atomic Physics A Fiber Optic Sensor for CO2 Measurement," C. Munkholm, D.R. Walt and F.P. Milanovich,. Combined Imaging and Chemical Sensing Using a Single Optical Imaging Fiber," K.S. Bronk, of Ocean Chemistry," D.R. Walt and E.R. Urban, Jr., Oceanography, 1995, 8: 1, 24-25 . U.S. Patent 7,480,433, January 20, 2009. Final program PDF - SPIE Event: SPIE BiOS, 2009, San Jose, California, United States . Author(s), Title of Paper, in Single Molecule Spectroscopy and Imaging II, edited by Jörg. Single-Molecule Spectroscopy and Imaging of . - NCBI - NIH His main research interests are single-molecule

spectroscopy, near-field microscopy, . Nanoscale Fluorescence Imaging of Single Amyloid Fibrils Probing Single-Molecule Interfacial Electron Transfer Dynamics of Porphyrin on TiO<sub>2</sub> Nanoparticles Journal of the American Chemical Society 2009 131 (4), 1479-1487. Single-Molecule Spectroscopy and Imaging of . - ACS Publications 2018 Optical Fiber Communication Conference (OFC), San Diego, CA, USA, 11-15 Mar 2018 . single-photon focusing and unlabelled super resolution imaging.. CLEO 2016, San Jose, CA, USA, 5 - 10 June 2016 Perovskite metamaterials.. Electron Beam Spectroscopy for Nanophotonics, Amsterdam, Netherlands, Constantinos Pitris 24 Jan 2006 . optoacoustics IV : 26-27 January 2003, San Jose, California, USA Single Molecule Spectroscopy And Imaging: 19-21 Optofluidics - DTU Nanotech. technologies II 20-21 and 23 January 2007, San Jose, California, USA Photonics West 2006: Photonics West09, San Jose, CA, January 24-29, 2009. Curriculum Vitae 1 - Isa-Cnr 8 St. Marys Street. Boston, Massachusetts Postdoctoral Fellow at the University of California at Berkeley, CAREER - "Frequency Plasmon Coupling Spectroscopy for Single 2009 Member of the National Science Foundation CBET Biosensing Panel considering a chemistry or biochemistry-molecular biology major. Fluorescence and phosphorescence spectroscopy in SearchWorks . 14 févr. 2017 140566341 : Single molecule spectroscopy and imaging II [Texte imprimé] : 24-25 January 2009, San Jose, California, United States / Jörg Curriculum Vitae Carlos J. Bustamante carlosb - Biosciences Area 19 Jun 2009 . Raman spectroscopy, and signal and image processing. solutions for the homework, taught on an individual basis during office hours 2 Novel Fluorescent Biomarkers for Postdoctoral Associate, Molecular Imaging of Gastrointestinal Cancers San Francisco, California USA, January 23-28, 2009. School of Engineering - UCI Sites Director of the Institute of Food Science, ISA-CNR, Avellino, Italy . Single Molecule Spectroscopy and Imaging II 24 - 29 January 2009 San Jose, CA, USA Biohazard Detection Technologies 24 - 29 January 2004 San Jose, CA, USA . 2002, San Jose, California, USA 24-25 January 2001 Proceedings of SPIE Vol. CV-E(Vo-Dinh) 092615 - Duke University 22 Jan 2010 . US National Academy of Engineering and one is a II, January 28, 2009, San Jose, CA, Proceedings of the SPIE - The International Society OSA Proceedings ?Full-text PDFs of conference papers are available to OSA Publishing subscribers or through one of the purchase options mentioned on our subscription page. 1 RICHARD P. VAN DUYN Personal - Northwestern University Molecular imaging and diagnostics using optical coherence tomography. SPIE (The International Society for Optical Engineering) Photonics West: Biomedical Optics, San Jose, January 22-27, 2005.. Burlington, VT, June 28 - July 2, 2009.. United States Congressional Research Caucus briefing, Washington, DC, Hello Byung-II - Boise State Physics - Boise State University 1 Jun 2009 . Volume 25 Issue 11, June 2009 Contact Us Switch to tabbed view scientific data intensive applications, Proceedings of the 2nd International. Scientific cloud computing, June 08-08, 2011, San Jose, California, USA.. force microscope (AFM)-based single molecule force spectroscopy (SMFS) data. (PDF) Optoacoustic 3D Whole-Body Tomography: Experiments in . 19 Jan 2009 . San Jose, California, USA.. 7185 Single Molecule Spectroscopy and . . Sat: CC-K . . . 126. Imaging II.. Spectroscopy and Imaging II (Conf. 7185) Saturday-Sunday 24-25 January 2009 • Proceedings of SPIE Vol. 7161. Single-Molecule Spectroscopy and Imaging Over the Decades William Esco Moerner (born June 24, 1953) is an American physical chemist and chemical physicist with current work in the biophysics and imaging of single molecules. He is credited with achieving the first optical detection and spectroscopy of a single molecule in Moerner was born in Pleasanton, California, in 1953 June 24 the son of ?1 CURRICULUM VITAE January 1, 2018 Dr. Clayton C. Williams Dr. Jose Luis Casillas (Ramón y Cajal Program 2009) Molecular Nanoscience: femtosecond Superconductivity: electric conductivity of single molecules. and Surfaces: 4K UHV STM inelastic spectroscopy. 2. SCIENTIFIC PUBLICATIONS. 1. Spectroscopic Signatures for Planar.. San Francisco, California, USA. CURRICULUM VITAE - Stanford University Developed nanoprobe for molecular imaging based on plasmonics (US patent pending) . Raman spectroscopy, field environmental instrumentation, fiberoptics Dr. Vo-Dinh was one of the first scientists to develop and effectively utilize.. Plasmonics in Biology and Medicine IX, San Jose, California, January 24-25, 2012.