

3.4. Oral Presentations and posters: _____

- P27. V. Zamlyunny, K. Ezekiel, M.W.P. Petryk** “Development of Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS) as a Method for Detection of Persistent Chemical Warfare Agents”. **Invited oral presentation** at 59th International Conference on Analytical Sciences and Spectroscopy, **Mont-Tremblant, Canada (2013)**.
- P26. V. Zamlyunny, K. Ezekiel, M. W. Petryk** “Surface Detection of a Monolayer of 11-mercaptoundecylphosphoric Acid”. **Oral presentation** at 95th Conference of the Canadian Society for Chemistry, **Calgary (2012)**.
- P25. V. Zamlyunny, Suzanne Blatt, Sharon. G. Roscoe,** “Development of Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS) for Analysis of Water-Soluble Surfactants at Charged Metal Surfaces” **An invited oral presentation** at 85th Colloid and Surface Science Symposium (ACS), **Montreal (2011)**.
- P24. V. Zamlyunny** “Development and Application of Infrared Spectroscopy as a Surface Analytical Technique” **An invited oral presentation** at Saint Mary’s University, **Halifax (2010)**.
- P23. V. Zamlyunny, S. Blatt, and S.G. Roscoe** “Effect of Electrode Position on Features of Electrochemical Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS)” **Oral Presentation** at 93rd Conference of the Canadian Society for Chemistry, **Toronto (2010)**.
- P22. V. Zamlyunny,** “Development and Application of Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS) to Study Electrified Solid Liquid Interfaces” **Invited Oral Presentation (Seminar)** at **2009 Research Symposia Series organized by Thermo Scientific, Boulder, Colorado, USA (2009)**.
- P21. V. Zamlyunny** “Development of Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS) to Study Electrified Solid Liquid Interfaces” **Invited Oral Presentation** at the **University of Buenos Aires, Argentina (2009)**.
- P20. V. Zamlyunny, S. Blatt, R. Jackson, S. Read** “In Situ Investigation of Adsorption of Benzotriazole (BTA) on Au(111) using Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS)” **Oral Presentation** at the 59th Annual Meeting of the **International Society of Electrochemistry, Seville, Spain (2008)**.
- P18 and P19. R. Jackson, S. Read, S. Blatt and V. Zamlyunny** “Development and Application of Infrared Reflection Absorption Spectroscopy (IRRAS) to Study Electrified Solid Liquid Interfaces” **Oral presentations** at the Lomonosov Moscow State University, **Moscow, Russia** and at the University of Warsaw, **Warsaw, Poland (2008)**.

- P17. V. Zamlynyy** “Application of Polarization Modulation Infrared Reflection Absorption Spectroscopy and Electrochemical Methods to Study Adsorption of Small Organic Molecules at Metal Electrodes” *An invited oral presentation* at the University of Guelph, **Guelph (2008)**.
- P16. V. Zamlynyy**, R. Jackson, S. Read, S. Birnie-Lefcovitch, E. Potter „Analysis of Ultrathin Organic Films at Metal Surfaces using Infrared Reflection Absorption Spectroscopy” *An oral presentation* at the 58th Annual meeting of the **International Society of Electrochemistry (ESE)**, **Banff, Canada (2007)**.
- P15. V. Zamlynyy**, I. Zawisza and J. Lipkowski „In Situ Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM IRRAS) of the Electrode Solution Interface” *An invited oral presentation* at the 8th **International Frumkin Symposium**, **Moscow, Russia (2005)**.
- P14. V. Zamlynyy** “Development of Infrared Reflection Absorption Spectroscopy for Analysis of Ultrathin Organic Films at the Electrified Solid Liquid Interfaces” *An invited oral presentation* at the 3rd **International Workshop on Vibrational Spectroscopy of Monolayer Films (VSM3)**, **Québec, Canada (2005)**.
- P13. V. Zamlynyy** “What can we Learn About Corrosion using Infrared Spectroscopy ” *An invited oral presentation (chalk talk)* at the 30th Annual Atlantic Provinces Council on the Sciences/Chemical Institute of Canada (APICS/CIC) Undergraduate Chemistry Conference, **Saint John’s (2005)**
- P12. V. Zamlynyy** “In Situ Investigation of Ultrathin Organic Films at the Electrified Liquid Solid Interfaces Using Infrared Reflection Absorption Spectrometry” *An invited oral presentation* at Saint Mary’s University, **Halifax (2005)**.
- P11. V. Zamlynyy**, S. Read and S. Birnie-Lefcovitch “Development and Application of SNIFTIRS for In Situ Studies of Barrier Films on Copper and Gold” *An invited oral presentation* at the 87th Conference of the Canadian Society for Chemistry, **London (2004)**.
- P10. V. Zamlynyy**, I. Zawisza and J. Lipkowski “Development and Application of Polarization Modulation Fourier Transform Infrared Reflection Absorption Spectroscopy (PM FTIR RAS) for Analysis of the Ultrathin Organic Films at the Metal-Electrolyte Interface” *An invited oral presentation* at 39th IUPAC Congress and the 86th Conference of the Canadian Society for Chemistry, **Ottawa (2003)**.
- P9. V. Zamlynyy**, I. Zawisza and J. Lipkowski “Quantitative Studies of Ultrathin Films of Insoluble Surfactants at the Gold-Electrolyte Interface Using Polarization Modulation Fourier Transform Infrared Reflection Absorption Spectroscopy” *An award oral presentation* at Fall Symposium of the Canadian Section of The Electrochemical Society, **Montreal (2002)**.

- P8. V. Zamlyunny**, J. Majewski, S. Satija and J. Lipkowski “Electrochemical, Neutron Reflectometry and Infrared Spectroscopy Studies of Monolayers and Bilayers of Insoluble Surfactants at the Gold Electrode Surface.” *An oral presentation* at “Surface Canada 2002”, the 18th Canadian Conference on Surfaces, **Ottawa (2002)**.
- P7. V. Zamlyunny**, and J. Lipkowski “In Situ PM FTIR RAS Studies of the Electric Field Induced Changes in Monolayers and Bilayers of 4-Petadecyl-Pyridine at the Gold (111)-Electrolyte Interface.” *A poster* at International Conference on Electrified Interfaces the 9th in a Series of Nontraditional Methods. **Wolfville, Nova Scotia, Canada (2001)**.
- P6. V. Zamlyunny**, I. Burgess, H-Q. Li S. Horswell, A. Lachenvitzer, G. Szymanski, J. Lipkowski, J. Majewski, S. Satija, R. Ivkov “Spectroscopic and Electrochemical Studies of Monolayers and Bilayers of Amphiphilic Surfactants at a Gold Electrode Surface” *An oral presentation* at the 84th Conference of the Canadian Society for Chemistry, **Montreal (2001)**.
- P5. V. Zamlyunny** I. Burgess, G. Szymanski, J. Majewski, G. Smith, S. Satija, R. Ivkov and J. Lipkowski “Electrochemical and Neutron Reflectivity Studies of Spontaneously Formed Amphiphilic Surfactant Bilayers at the Gold-Solution Interface.” *An oral presentation* at the 197th Meeting of the Electrochemical Society, **Toronto (2000)**.
- P4. V. Zamlyunny**, Z. Galus and J. Lipkowski “Phospholipid Bilayers and Monolayers on the Au(111) Single Crystal Electrode” *An oral presentation* at the 82nd Conference of the Canadian Society for Chemistry, **Toronto (1999)**.
- P3. V. Zamlyunny**, D. Bizzotto, A. McAlees, R. McCrindle and J. Lipkowski “Mechanism of Spreading of Insoluble Pyridine Surfactants. The New Aspects” *A poster* at Spring Symposium of the Canadian Section of the Electrochemical Society, **Ottawa (1999)**.
- P2. V. Zamlyunny**, T. Sagara, Z. Galus, D. Bizzotto, A. McAlees, R. McCrindle and J. Lipkowski “Adsorption of Insoluble Surfactants onto Au(111).” *A poster* at Spring Symposium of the Canadian Section of the Electrochemical Society, **Waterloo (1998)**.
- P1. V. Zamlyunny** and J. Lipkowski “Phospholipid Bilayers and Monolayers at Electrified Interfaces” *An oral presentation* at Spring Symposium of the Canadian Section of the Electrochemical Society, **Waterloo (1998)**.