

CEMWOQ: Crystal Engineering and Emerging Materials Workshop of Ontario and Quebec

Solid-state chemistry as a Toolbox for Materials Synthesis and Green Chemistry

Tuesday, 20th May 2014, McGill University Department of Chemistry, Otto Maass Chemistry Building
Room 217

PROGRAM

- 9:00-9:20** Registration and coffee, Otto Maass Chemistry Building - Lobby
- 9:20-9:30** Opening remarks (Room 217)
- 9:30-10:10** Len MacGillivray (University of Iowa, Plenary Lecture)
CONTROLLING REACTIVITY IN THE ORGANIC SOLID STATE VIA SELF-ASSEMBLY
- 10:10-10:30** Robert Schurko (University of Windsor)
NEW DEVELOPMENTS IN ³⁵CL SSNMR OF PHARMACEUTICALS: DOSAGE FORMS, IMPURITIES AND QUALITY ASSURANCE
- 10:30-10:55** Frédéric Lamaty (Université Montpellier, Invited Lecture)
POLY(ETHYLENE GLYCOL) : AN ECO-FRIENDLY SOLVENT AND SUPPORT IN METAL-CATALYZED REACTIONS
- 10:55-11:10** **COFFEE BREAK**
- 11:10-11:35** Jeremy Rawson (University of Windsor, Invited Lecture)
A RADICAL VIEW OF NON-COVALENT INTERACTIONS: INSIGHTS INTO 1- AND 2-COMPONENT MOLECULAR ASSEMBLIES
- 11:35-12:00** Dmitriy Perepichka (McGill University, Invited Lecture)
CRYSTAL ENGINEERING OF BULK P/N HETEROJUNCTION BY COMPLEMENTARY HYDROGEN BONDING
- 12:00-12:20** Dmitriy Soldatov (Guelph University)
INCLUSION COMPOUNDS AND CO-CRYSTALS BASED ON H-BONDED PEPTIDE FRAMEWORKS
- 12:20-1:20** **LUNCH AND POSTER EXHIBITION SET-UP (LOBBY)**
- 1:20-2:00** Kathryn Preuss (University of Guelph, Plenary Lecture) (Room OM 217)
RADICAL COORDINATION CHEMISTRY: MECHANOCHEMICAL AND CRYSTAL ENGINEERING ASPECTS
- 2:00-2:25** Ivan Halasz (Institute Ruder Boskovic, Zagreb, Invited Lecture)
RAMAN SPECTROSCOPY FOR IN SITU AND REAL-TIME MONITORING OF MILLING REACTIONS
- 2:25-2:40** **COFFEE BREAK**
- 2:40-3:05** Melanie Pilkington (Brock University, Invited Lecture)
4,4'-BIPYRIDYL DERIVATIVES AS SCAFFOLDS FOR CLUSTERS, CHAINS AND MOFs
- 3:05-3:30** Louis Cuccia (Concordia University, Invited Lecture)
THE ROLE OF ENANTIOMER-SPECIFIC ORIENTED ATTACHMENT IN ATTRITION-ENHANCED CHIRAL AMPLIFICATION
- 3:30-4:15** STUDENT ORAL PRESENTATIONS
- 4:15-5:15** **POSTER SESSION, CHEESE & CRACKERS (LOBBY)**
- 5:15** Closing remarks