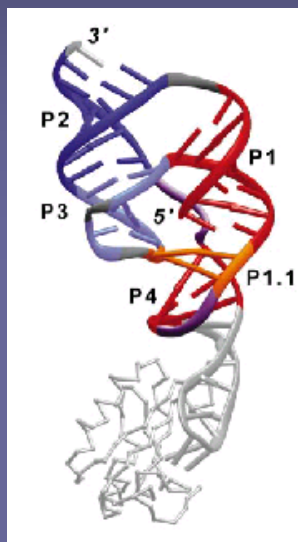




Research Areas

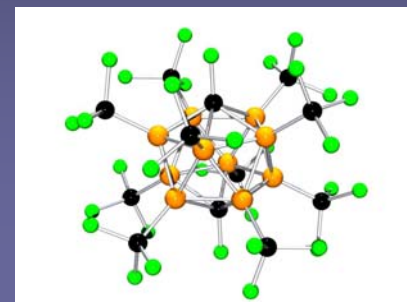
Biochemistry

Keith Taylor
Bulent Mutus
Lana Lee
Sirayam Pandey
Sirinart Ananvoranich
Otis Vaccratsis



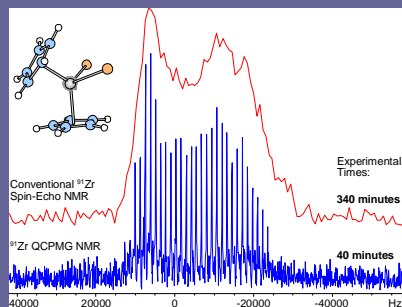
Inorganic/Materials

Stephen Loeb
David Antonelli
Charles Macdonald
Samuel Johnson
Tricia Breen Carmichael



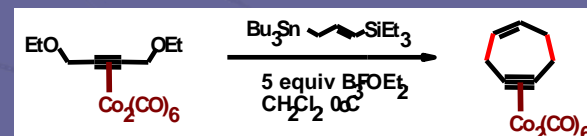
Physical/Analytical

Ricardo Aroca
Jichang Wang
Rob Schurko
James Gauld



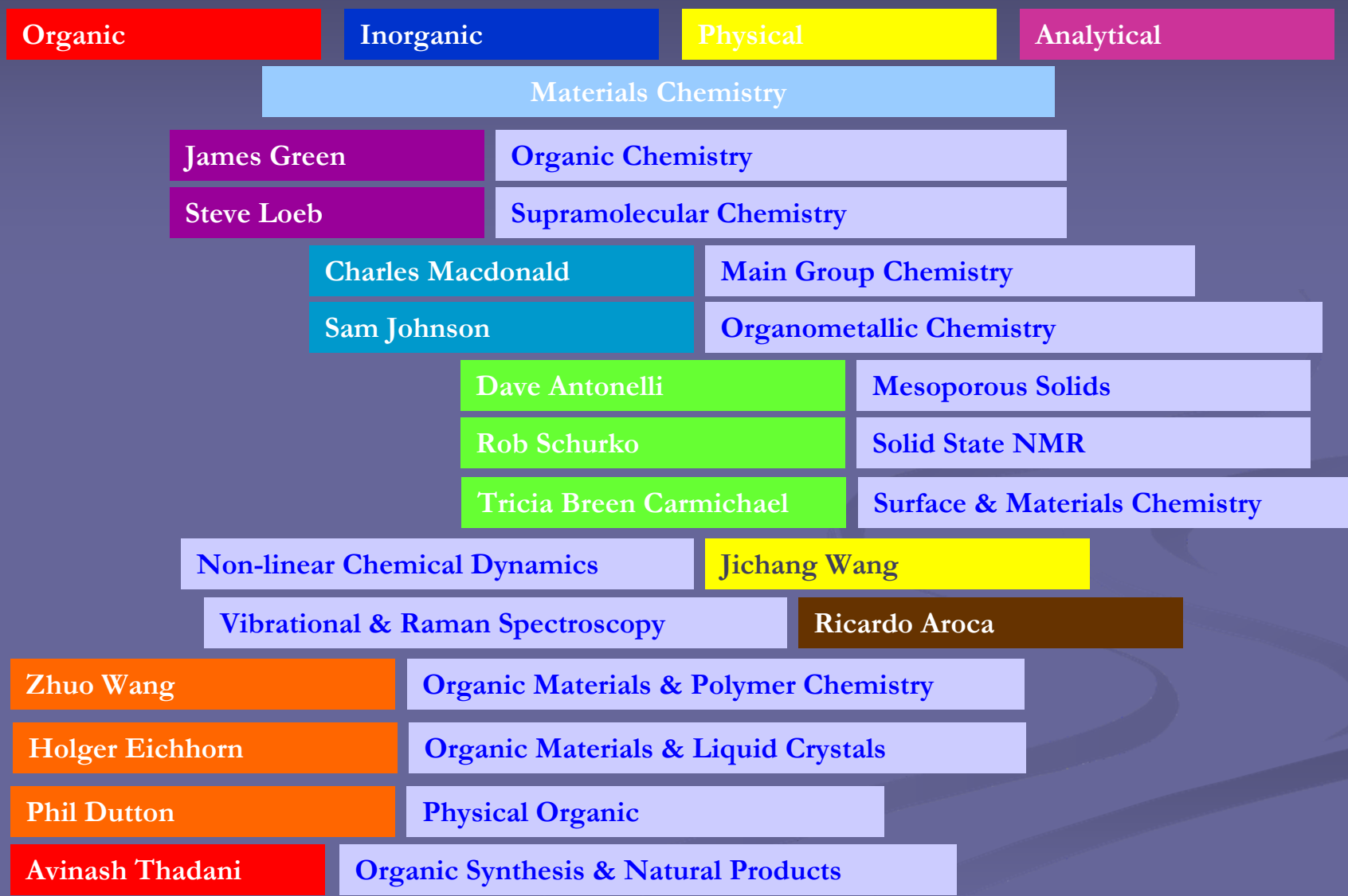
Organic

James Green
Phil Dutton
Holger Eichorn
Avinash Thadani
Zhuo Wang





Bridging Traditional Disciplines



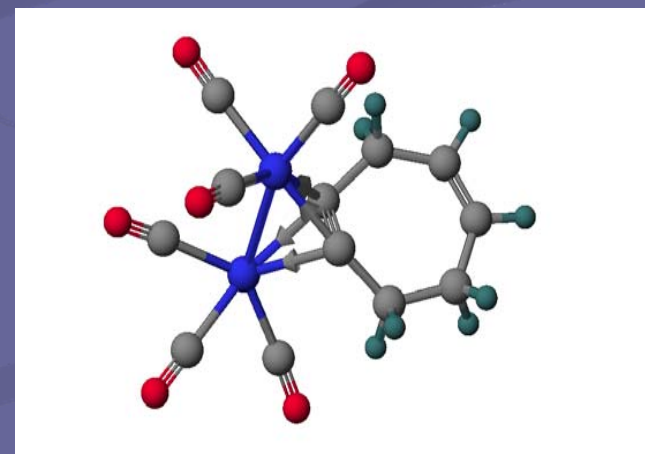
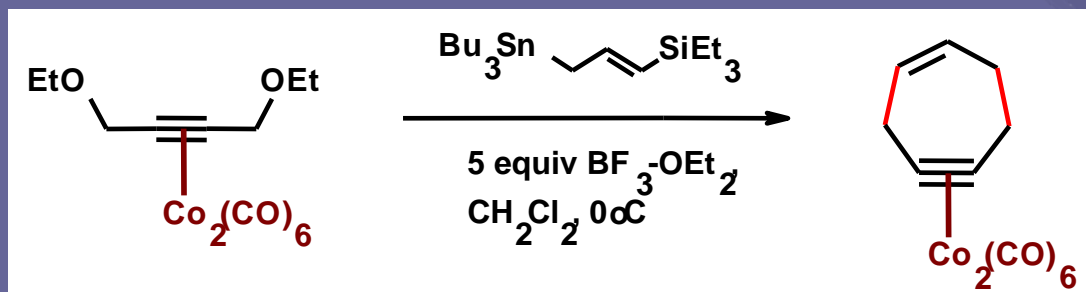


James Green

Associate Professor, 1990
NSERC PDF, U. of California at Berkeley
Ph.D., University of Waterloo, 1987
B.Sc., University of Windsor, 1982



Organic Synthesis with Transition Metal Units





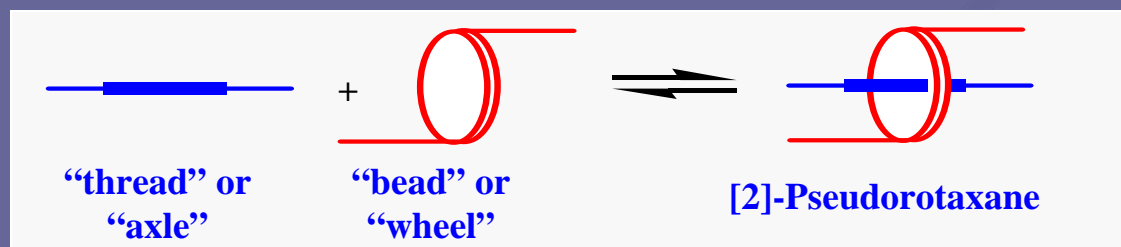
Stephen Loeb

University Professor and Canada Research Chair, 1990
Royal Society of Chemistry, Visiting Professor, Oxford University
Assistant Professor, University of Winnipeg
Postdoctoral Fellow, University of Alberta
B.Sc (Hon), Ph.D. University of Western Ontario

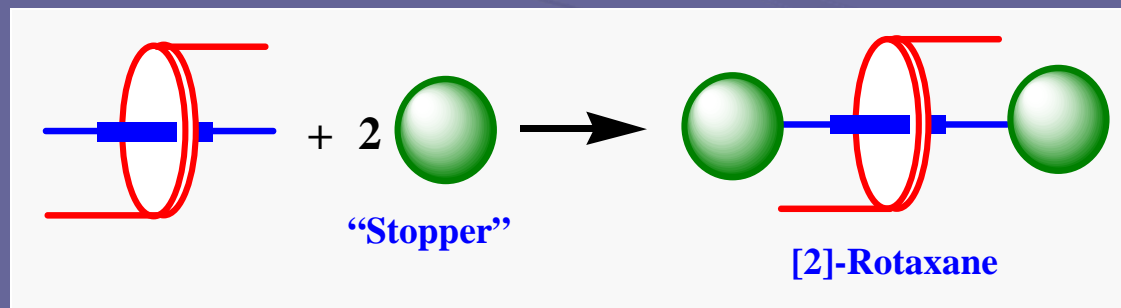


Supramolecular Chemistry & Molecular Machines

Interpenetrated Molecules



Interlocked Molecules





David Antonelli

Professor, 1998

Lecturer, University of Sussex, 1997

Research Associate, MIT, 1994-1996

Research Associate, University of Alberta, 1994

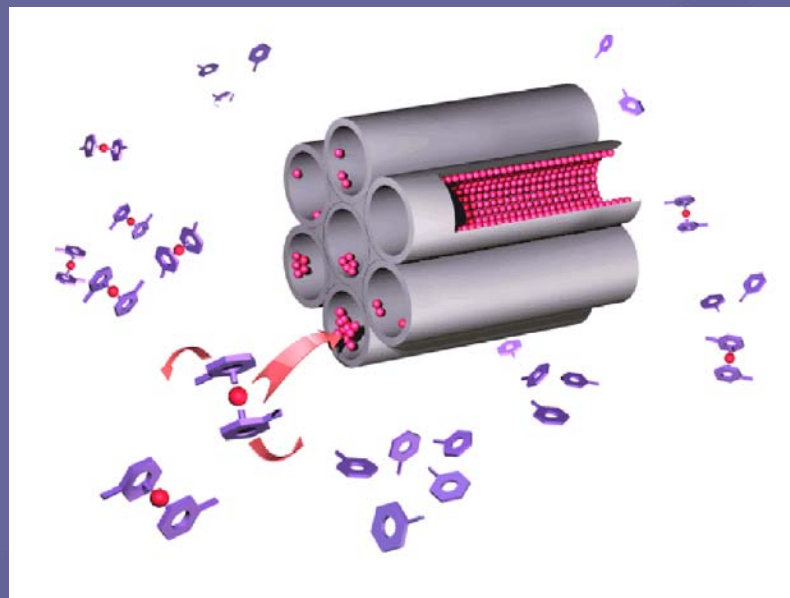
NSERC PDF, Oxford and Caltech, 1991-1993

Ph.D., University of Alberta, 1990



Mesoporous Metal Oxide Materials

Synthesis and characterization
of composite materials



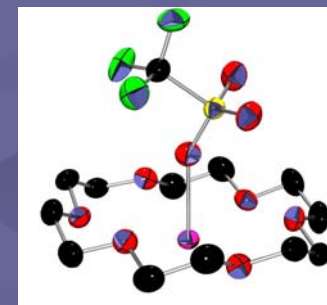
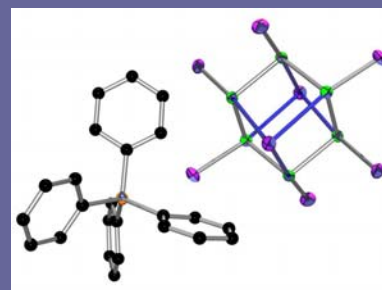
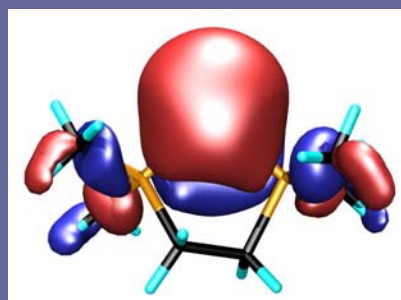
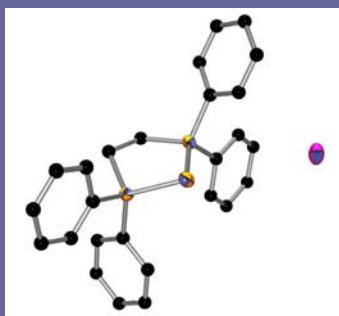


Chuck Macdonald

Associate Professor, University of Windsor, 2001
Postdoctoral Fellow, University of Texas, 1998-2001
Ph.D., Dalhousie, 1998
B.Sc. (Hons.) Dalhousie, 1994

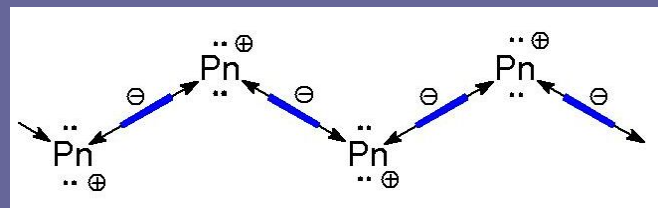


Main Group Inorganic Chemistry

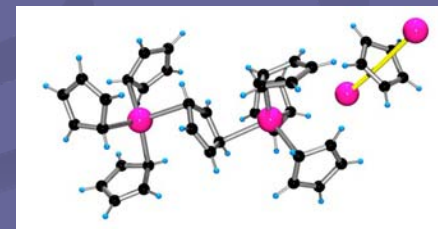
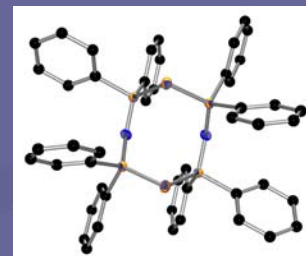


Synthesis, Crystallography & Calculations

Clusters & Coordination Chemistry



Oligomers & Polymers





Tricia Breen Carmichael

Associate Professor, 2005

Research Staff Member, IBM T.J. Watson Research Center

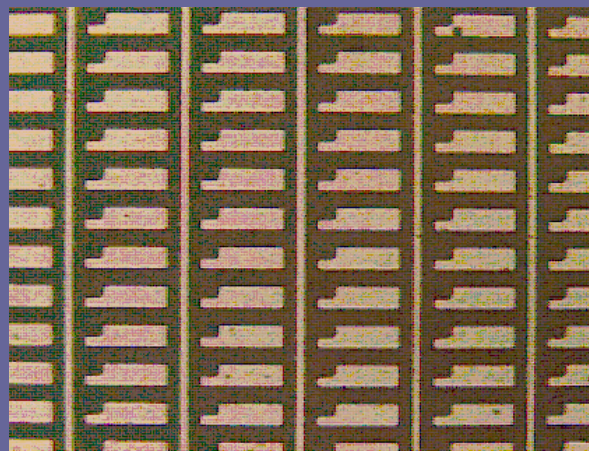
NSERC PDF, Harvard University

Ph.D., University of Windsor, 1996

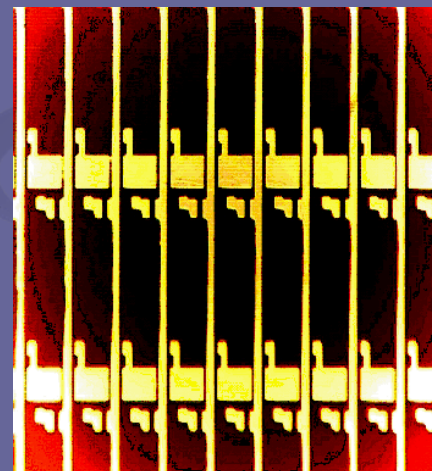
B.Sc., University of Windsor, 1992



Surface & Materials Chemistry: Microelectronics



Indium Tin Oxide film patterned using microcontact printing and wet etching



Patterned Ni film fabricated using microcontact printing & electrodeless plating



Robert Schurko

Associate Professor, 2000

Postdoctoral Fellow, University of Illinois at Chicago, 1999

Postdoctoral Fellow, State University of New York at Stony Brook,
Brookhaven National Lab, 1998

Ph.D., Dalhousie University, 1998

B.Sc. (Hons), M.Sc., University of Manitoba, 1992, 1994



Solid-State NMR of Inorganic Materials

- sensitivity enhancement
- NMR of quadrupolar nuclei

