

**WORKSHOP ON “NEW DIRECTIONS IN INVERSE  
SEMIGROUPS”: PROGRAM**

(All talks in Desmarais (Room 1140), 55 Laurier Ave. E. )

**Wednesday June 1**

(Joint with the Workshop on Dynamical Systems & Operator Algebras)

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
9:00 – 10:00	Ruy Exel	Partial group actions and subshifts II
10:00 – 10:30	Coffee Break	
10:30 – 11:30	Mark Lawson	An introduction to Boolean inverse semigroups
11:30 – 12:00	Claire Anantharaman-Delaroche	Weak containment and exactness for groupoids & semigroups
14:00 – 14:30	Daniel Gonçalves	Ultragraphs and shift spaces over infinite alphabets
14:30 – 15:00	Ping Wong Ng	(1) On the closed convex hull of unitary orbits in $C^*$ -algebras. (2) Real rank zero for purely infinite corona algebras.
15:00 – 15:30	Giuliano Boava	The diagonal $C^*$ -subalgebra associated to a labelled space

**Thursday June 2**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09:00 – 10:00	Pieter Hofstra (Ottawa)	Introduction to topos theory
10:00 – 10.30	Coffee	
10:30 – 11:30	Simon Henry (ENS France)	On the $C^*$ -algebra of a topos
11:30 – 12:30	Ganna Kudryavtseva (U. Ljubljana)	Skew Boolean Algebras
14:00 – 15:00	Jonathon Funk (CUNY)	Isotropy torsors of an inverse semigroup
15:00 – 15:30	Tea	
15:30 – 16:30	Pedro Resende (IST Portugal)	Stably Gelfand quantales and $C^*$ -algebras

**Friday June 3**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09:00 – 10:00	Daniele Mundici (U. Firenze)	Geometry of the Lawson-Scott coordinatization of MV-algebras
10:00 – 10:30	Coffee	
10:30 – 11:30	David Handelman (Ottawa)	Dimension Groups: their cause and their cure
11:30 – 12:30	Friedrich Wehrung (U. Caen)	Type monoids of Boolean inverse semigroups
14:00 – 15:00	Charles Starling (U. Ottawa)	Inverse Semigroups in $C^*$ -algebras
15:00 – 15:30	Tea	
15:30 – 16:30	Jean Renault (Orléans)	Semigroups and higher rank graphs
16:30 – 17:00	Wei Lu (Ottawa)	Coordinatization of MV algebras and some fun things about effect algebras

**Saturday June 4**

<b>Time</b>	<b>Speaker</b>	<b>Title</b>
09:00 – 10:00	Mark Lawson (Heriot-Watt)	Boolean inverse monoids, étale groupoids and groups.
10:00 – 10:30	Coffee	
10:30 – 11:30	Peter Hines (York, U.K. )	Monoids and Categories of Monotone Partial Injections
11:30 – 1:00	Lunch	
1:00 – 3:00	Discussion Period	Future Directions and Open Problems