5th Workshop on Categorical Methods in Non-Abelian Algebra
at the Université catholique de Louvain, 1–3 June 2017

Thursday 1st June 2017

9:45 *Registration*

10:00 **G. Janelidze** — Algebraic topology of finite spaces

11:00 *Coffee + registration*

11:20 *Opening of the workshop*

11:30 **D. Bourn** — Normalizers in the non-pointed context
12:00 **G. Metere** — Some thoughts on Yoneda's "Regular Spans" and related notions

12:30 *Lunch*

14:00 **E. Descotte** — On flat 2-functors
14:30 **M. Szyld** — A general limit lifting theorem for 2-dimensional monad theory
15:00 **F. Lucatelli Nunes** — Biadjoint triangles

15:30 *Coffee*

16:00 **J. Emmenegger** — On the local cartesian closure of exact completions
16:30 **A. Facchini** — Modules with chain conditions up to isomorphism and artinian dimension

17:00 *End*

19:00 *Conference dinner*

Friday 2nd June 2017

9:30 **L. Márki** — Concrete algebraic structures and categories
10:00 **D. Rodelo** — Connectors and groupoids in Goursat categories

10:30 *Coffee*

11:00 **G. Peschke** — Functorial decompositions via colimits
11:30 **A. Fernández Fariña** — Braiding for categorical Leibniz algebras
                    and crossed modules of Leibniz algebras
12:00 **X. García Martínez** — Split extensions of bialgebras

12:30 *Lunch*

14:00 **R. González Rodríguez** — Multiplication alteration by two-cocycles.
                    The non-associative version
14:30 **M. Hoefnagel** — Majority categories

15:00 *Coffee*

15:30 **S. R. Koudenburg** — A categorical approach to the maximum theorem
16:00 **K. Van Opdenbosch** — A lax-algebraic study of non-Archimedean approach spaces
16:30 **D. Hofmann** — On the algebraic nature of the dual category of Vietoris coalgebras

17:00 *End*

Saturday 3rd June 2017

9:30 **W. Tholen** — What is a topological theory?
10:00 **L. Sousa** — Algebras between Kleisli and Eilenberg-Moore

10:30 *Coffee*

11:00 **A. S. Cigoli** — Descent cospans for the fibration of points
11:30 **N. Martins-Ferreira** — Classification of categories
                    via unique groupoid structures on reflexive graphs
12:00 **Z. Janelidze** — Topologies as forms

12:30 *End*

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participants

Francis Borceux	Université catholique de Louvain
Dominique Bourn	Univ. du Littoral, Calais
Mitchell Buckley	Université Libre de Bruxelles
Alan Cigoli	Université catholique de Louvain
Maria Manuel Clementino	CMUC, Univ. Coimbra
Gianpietro Colato	Université catholique de Louvain
Emilia Descotte	University of Buenos Aires
Mathieu Duckerts-Antoine	CMUC/FCT, Univ. Coimbra
Arnaud Duvieusart	Université catholique de Louvain
Andrée Ehresmann	Université de Picardie Jules Verne, Amiens
Jacopo Emmenegger	Stockholm University
Valérian Even	Université catholique de Louvain
Alberto Facchini	Università degli Studi di Padova
Alejandro Fernández Fariña	Universidade de Santiago de Compostela
Timmy Fieremans	Vrije Universiteit Brussel
Xabier García Martínez	Universidade de Santiago de Compostela
Julia Goedecke	University of Cambridge
Björn Gohla	Universidade de Lisboa
Ramón González Rodríguez	Universidade de Vigo
Alexey Gordienko	Vrije Universiteit Brussel
Marino Gran	Université catholique de Louvain
Manfred Hartl	Université de Valenciennes et du Hainaut-Cambrésis
Michael Hoefnagel	Stellenbosch University and Università degli Studi di Padova
Dirk Hofmann	CIDMA, Univ. Aveiro
Pierre-Alain Jacqmin	Université catholique de Louvain
George Janelidze	Univ. Cape Town
Zurab Janelidze	Univ. Stellenbosch
Roald Koudenburg	Middle East Technical University, Northern Cyprus Campus
Guillermo López Cafaggi	Université catholique de Louvain
Fernando Lucatelli Nunes	CMUC, Univ. Coimbra
Sandra Mantovani	Università degli Studi di Milano
László Márki	Hungarian Academy of Sciences, Budapest
Nelson Martins-Ferreira	Polytechnical Institute, Leiria
Giuseppe Metere	Univ. Degli Studi di Palermo
Anna Montaruli Giulia	University of Stockholm
Andrea Montoli	Università degli Studi di Milano
François Renaud	University of Bath
Diana Rodelo	CMUC, Univ. Algarve
Aleksandra Barbara Samonek	Université catholique de Louvain
Cyrille Simeu	Université catholique de Louvain
Manuela Sobral	CMUC, Univ. Coimbra
Lurdes Sousa	CMUC, Polytechnical Institute, Viseu
Isar Stubbe	Université du Littoral Côte d'Opale, Calais
Martin Szyld	University of Buenos Aires
Idriss Tchoffo Nguefeu	Université catholique de Louvain
Walter Tholen	York University, Toronto
Tim Van der Linden	Université catholique de Louvain
Karen Van Opdenbosch	Vrije Universiteit Brussel
Christina Vasilakopoulou	Université Libre de Bruxelles
Joost Vercruysse	Université Libre de Bruxelles
Enrico Vitale	Université catholique de Louvain
Michael Wright	
João J. Xarez	University of Aveiro