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Fosco Loregian
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Talks

1 | **The art of $\int$** — Dec 2019
Invited speaker | ItaCa - Italian Category theorists conference

2 | **Axiomatic cohesion of toposes** — Dec 2019
Invited speaker | Università "La Sapienza" - Rome

3 | **The formal category theory of derivators** — Apr 2019
Invited speaker | Workshop on Derivators - Regensburg

4 | **On the unicity of the formal theory of categories** — Dec 2018
Talk on 1901.01594 | ULB - Bruxelles

5 | **Accessibility and Presentability in 2-categories** — Nov 2018
Talk on 1804.08710 | Università degli studi di Torino

6 | **Homotopical algebra is not concrete** — Sep 2017
Contributed talk | *British Topology Meeting* | Leicester

7 | **The formal category theory of derivators** — Sep 2017
Invited speaker | *Some trends in Algebra* | Prague

8 | **Sober Ontic Structural Realism** — Jun 2017
Invited speaker | *SILFS* | Bologna

9 | **Model categories** — May 2017
Invited speaker | *A categorical day in Turin* | Torino

10 | **t-derivators** — Feb 2017
Invited speaker | *Young researchers in homotopy theory*, Bonn

11 | **Coend calculus** — May 2016
Lectures on 1501.02503 | Leeds

Teaching & Organizational activities

1 | **Teacher for ITI9200** — Jan 2020 | Jun 2020
Introduction to Category Theory and its Applications (Sissejuhatus kategooriateooriasse ja selle rakendustesse). Part of the MSc in Software Engineering at TalTech. Here you find the course syllabus, and the course webpage on tallcats.io. The course is an introduction to the basic concepts of Category Theory (categories, functors, natural transformations, universal properties, limits, colimits, monoidal categories, string diagrams…) and some applications in Computer Science.

2 | **appointee for Adjoint school 2019** — Mar 2019 |
A webinar and online applied Category Theory reading course. The project name is *Traversal optics and profunctors*. Led to the development of arXiv:2001.07488.

3 | **2-categories** — Padova - IT
A short course on 2-dimensional category theory. Tentative program: monoidal and enriched categories, the calculus of coends and Kan extensions, 2-categories, the bicategory of profunctors, the 2-category of derivators, 2-dimensional limits, the formal theory of monads, formal category theory.

4 | **PSSL 103 - Brno** — MU Brno - CZ
I have been one of the organizers of 103rd Peripathetic Seminar on Sheaves and Logic.

5 | **Formal category theory** MU Brno - CZ
A series of lectures having the scope to breach in Riehl-Verity's theory of ∞-cosmoi.

6 | **Elements of Finite Mathematics** UWO London - CA
Techniques of counting, probability, discrete and continuous random variables.

7 | **Homotopical Algebra** MU Brno - CZ
A bottom-up introduction to the language of Homotopical Algebra

8 | **appointee for Kan Extension Seminar I** Jan 2014 | Jul 2014
A webinar and online Category Theory reading course.

9 | **supervisor and coadvisor B.Sc. in Mathematics** *student: Giovanni Ronchi*
Adjoint Functors | amslaurea.unibo.it

OTHER ACTIVITIES

1 | **Sparse skills**
I like the art of crafting books and drawing maps; this is not unrelated to my love for Mathematics. I am a pretty decent TeXnic (I maintain this CV as a github repo here). I know bits of Haskell, Python, and Wolfram. I like artificial languages (mi ŝatus verki vortaron al matematiko, kun terminoj el teoria kategorioj); again, this is not unrelated to my love for Mathematics.

2 | **Reviewer for**
zbMath, AMS Math. Rev.