fosco.loregian@gmail.com
fouche@yoneda.ninja

**Fosco Loregian**
github.com/tetrapharmakon
fosco.loregian

## 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 | 🎓 **ITI9200 - Introduction to Category Theory** — Jan 2020 | Jun 2020
Introduction to Category Theory and its Applications (*Sissejuhatus kategooriateooriasse ja selle rakendustesse*).

2 | 💼 **appointee for Adjoint school 2019** — Mar 2019 | Jun 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.