



TALKS

- 1 | **Functorial semantics of partial theories** Apr 2021
Invited Speaker | Seminari di logica Torino-Udine
- 2 | **Coends of higher arity** Dec 2020
Organiser and speaker | ItaCa - Italian Category theorists conference
- 3 | **The art of \int** Dec 2019
Invited speaker | ItaCa - Italian Category theorists conference
- 4 | **Axiomatic cohesion of toposes** Dec 2019
Invited speaker | Università "La Sapienza" - Rome
- 5 | **On the unicity of the formal theory of categories** Dec 2018
Lectures on [1901.01594](#) | ULB - Bruxelles
- 6 | **Accessibility and Presentability in 2-categories** Nov 2018
Talk on [1804.08710](#) | Università degli studi di Torino
- 7 | **Homotopical algebra is not concrete** Sep 2017
Contributed talk | *British Topology Meeting* | Leicester
- 8 | **The formal category theory of derivators** Sep 2017
Invited speaker | *Some trends in Algebra* | Prague
- 9 | **Sober Ontic Structural Realism** Jun 2017
Invited speaker | *SILFS* | Bologna
- 10 | **Model categories** May 2017
Invited speaker | *A categorical day in Turin* | Torino
- 11 | **t -derivators** Feb 2017
Invited speaker | *Young researchers in homotopy theory*, Bonn
- 12 | **Coend calculus** May 2016
Lectures on [1501.02503](#) | Leeds

TEACHING & ORGANIZATIONAL ACTIVITIES

- 1 | 🎓 **ITI9200 - Introduction to Category Theory** Jan 2021 | May 2021
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 webpage](#) on tallcats.io.
- 2 | 🎓 **ITI9200 - Introduction to Category Theory** Jan 2020 | May 2020
Introduction to Category Theory and its Applications (*Sissejuhatus kategooriateooriasse ja selle rakendustesse*). Part of the MSc in Software Engineering at TalTech.
- 3 | 🗂️ **Organiser of ItaCa Fest** June 2020 | now
An online webinar aimed to gather the community of ItaCa.

- 4 |  **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.
- 5 |  **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.
- 6 |  **PSSL 103 - Brno** MU Brno - CZ
I have been one of the organizers of 103rd Peripathetic Seminar on Sheaves and Logic.
- 7 |  **Formal category theory** MU Brno - CZ
A series of lectures having the scope to breach in Riehl-Verity's theory of ∞ -cosmoi.
- 8 |  **Elements of Finite Mathematics** UWO London - CA
Techniques of counting, probability, discrete and continuous random variables.
- 9 |  **Homotopical Algebra** MU Brno - CZ
A bottom-up introduction to the language of Homotopical Algebra
- 10 |  **appointee for Kan Extension Seminar I** Jan 2014 | Jul 2014
A webinar and online Category Theory reading course.
- 11 |  **supervisor and coadvisor B.Sc. in Mathematics** student: G. Ronchi
Adjoint Functors | amslaurea.unibo.it
- 12 |  **supervisor and coadvisor M.Sc. in Mathematics** student: G. Sorgente
Formal theory of promonads | (tentative)
- 13 |  **supervisor for M.Sc. internship at TalTech** student: M. Tanguy
Differential Polynomial endofunctors | (tentative)
- 14 |  **supervisor and coadvisor M.Sc. in Mathematics** student: M. Roselli
Categorical linguistics | (tentative)

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](#)). 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 | **Directeur des systèmes d'information for 'Les Presses Insoumises'.**
- 3 | **Reviewer for**
zbMath, AMS Math. Rev.