



TALKS

- 1 | **Towards a formal category theory of derivators** Nov 2021
video | Invited speaker | New Directions in Group Theory & Triangulated Categories
- 2 | **Differential 2-rigs** Sep 2021
Invited speaker | CT20→21 - Genova
- 3 | **Functorial semantics of partial theories** Apr 2021
Invited Speaker | Seminari di logica Torino-Udine
- 4 | **Coends of higher arity** Dec 2020
Organiser and speaker | ItaCa - Italian Category theorists conference
- 5 | **The art of \int** Dec 2019
Invited speaker | ItaCa - Italian Category theorists conference
- 6 | **Axiomatic cohesion of toposes** Dec 2019
Invited speaker | Università "La Sapienza" - Rome
- 7 | **On the unicity of the formal theory of categories** Dec 2018
Lectures on 1901.01594 | ULB - Bruxelles
- 8 | **Accessibility and Presentability in 2-categories** Nov 2018
Talk on 1804.08710 | Università degli studi di Torino
- 9 | **Homotopical algebra is not concrete** Sep 2017
Contributed talk | *British Topology Meeting* | Leicester
- 10 | **The formal category theory of derivators** Sep 2017
Invited speaker | *Some trends in Algebra* | Prague
- 11 | **Model categories** May 2017
Invited speaker | *A categorical day in Turin* | Torino
- 12 | **t -derivators** Feb 2017
Invited speaker | *Young researchers in homotopy theory*, Bonn

TEACHING & ORGANIZATIONAL ACTIVITIES

- 1 | 🏆 **Award for Researcher of the Year 2021** 2021
- 2 | 🎓 **ITI9200 - Introduction to Category Theory** Jan 2022 | May 2022
A course on basic category theory; at the course webpage you find a diary of the lectures and study material.
- 3 | 🎓 **ITI9200 - Introduction to Category Theory** Jan 2021 | May 2021
- 4 | 🎓 **ITI9200 - Introduction to Category Theory** Jan 2020 | May 2020

- 5 | 📺 **Organiser of ItaCa Fest** June 2020 | now
An online webinar aimed to gather the community of [ItaCa](#).
- 6 | 📺 **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](#).
- 7 | 📺 **PSSL 103 - Brno** MU Brno - CZ
I have been one of the organizers of 103rd Peripathetic Seminar on Sheaves and Logic.
- 8 | 🎓 **Elements of Finite Mathematics** UWO London - CA
Techniques of counting, probability, discrete and continuous random variables.
- 9 | 📺 **appointee for Kan Extension Seminar I** Jan 2014 | Jul 2014
A webinar and online Category Theory reading course.

SUPERVISION OF STUDENTS

- 1 | 🎓 **mentor for the SIGPLAN-M** *mentee: A. Laretto*
The SIGPLAN Long-Term Mentoring Committee (SIGPLAN-M) organizes an international long-term mentoring program for programming languages researchers.
- 2 | 🎓 **supervisor and coadvisor M.Sc. in Mathematics** *student: M. Roselli*
Categorical linguistics | (tentative)
- 3 | 🎓 **supervisor for M.Sc. internship at TalTech** *student: T. Massacrier*
From combinatorial species to general differential 2-rigs
- 4 | 🎓 **supervisor and coadvisor M.Sc. in Mathematics** *student: G. Sorgente*
Formal theory of promonads | (tentative)
- 5 | 🎓 **supervisor and coadvisor B.Sc. in Mathematics** *student: G. 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](#)). 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 @ 'Les Presses Insoumises'**
I have participated to the craft of the cover of the first edition of the *Grimoire of Commutative Algebra* by [Lorenzo Ramero](#).
- 3 | **Freelance consultant @ PlantingSpace**
I conduct research oriented towards categorical probability theory and implementations thereof.
- 4 | **Reviewer for**
zbMath, AMS Math. Rev.