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## TALKS

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|---|----------|
| 1   <b>A few remarks on the fibration of algebras</b><br>video   ItaCa 2022, Pisa   | Dec 2022 |
| 2   <b>Differential 2-rigs</b><br>video   Applied Category Theory 2022, Glasgow   | Jul 2022 |
| 3   <b>Fibrational linguistics</b><br>video   Applied Category Theory 2022, Glasgow   | Jul 2022 |
| 4   <b>Towards a formal category theory of derivators</b><br>video   Invited speaker   New Directions in Group Theory & Triangulated Categories | Nov 2021 |
| 5   <b>Differential 2-rigs</b><br>Speaker   CT20→21 - Genova  | Sep 2021 |
| 6   <b>Functorial semantics of partial theories</b><br>Speaker   Seminari di logica Torino-Udine  | Apr 2021 |
| 7   <b>On the unicity of the formal theory of categories</b><br>Lectures on 1901.01594   ULB - Bruxelles  | Dec 2018 |
| 8   <b>Accessibility and Presentability in 2-categories</b><br>Two-lecture series on 1804.08710   Università degli studi di Torino              | Nov 2018 |
| 9   <b>Homotopical algebra is not concrete</b><br>Contributed talk   <i>British Topology Meeting</i>   Leicester                                | Sep 2017 |
| 10   <b>The formal category theory of derivators</b><br>Speaker   <i>Some trends in Algebra</i>   Prague  | Sep 2017 |

## TEACHING & ORGANIZATIONAL ACTIVITIES







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|---|---------------------|
| 1    <b>Award for <i>Researcher of the Year</i> 2021</b>   | 2021                |
| 2    <b>ITI9200 - Introduction to Category Theory</b><br>A course on basic category theory; at the <a href="#">course webpage</a> you find a diary of the lectures and study material.   | Jan   May 2020–23   |
| 3    <b>Organiser of ItaCa Fest</b><br>An online webinar aimed to gather the community of ItaCa.   | 2020   –            |
| 4    <b>appointee for Adjoint school 2019</b><br>A webinar and online applied Category Theory reading course. The project name is <i>Traversal optics and profunctors</i> . Led to the development of <a href="#">arXiv:2001.07488</a> . | Mar 2019   Jun 2019 |
| 5    <b>PSSL 103 - Brno</b><br>I have been one of the organizers of 103rd Peripathetic Seminar on Sheaves and Logic.   | April 2018          |
| 6    <b>Elements of Finite Mathematics</b><br>Techniques of counting, probability, discrete and continuous random variables.   | Autumn 2016         |

*Fosco Loregian*

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- 7 |  **appointee for Kan Extension Seminar I**  
A webinar and online Category Theory reading course.

Jan 2014 | Jul 2014

## SUPERVISION OF STUDENTS

- 1 |  **supervisor and coadvisor for PhD in Computer Science** *student: A. Laretto*  
After a long and fruitful collaboration, A. Laretto applied for a Ph.D. in Tallinn University of Technology. I couldn't be happier to have him as a student.
- 2 |  **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.
- 3 |  **supervisor and coadvisor M.Sc. in Mathematics** *student: M. Roselli*  
*Categorical linguistics* | (tentative)
- 4 |  **supervisor for M.Sc. internship at TalTech** *student: T. Massacrier*  
*From combinatorial species to general differential 2-rigs*
- 5 |  **supervisor and coadvisor M.Sc. in Mathematics** *student: G. Sorgente*  
*Formal theory of promonads* | (tentative)
- 6 |  **supervisor and coadvisor B.Sc. in Mathematics** *student: G. Ronchi*  
*Adjoint Functors* | [amslaurea.unibo.it](https://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 through a [github repo](#) whence you can steal the code, if you ask politely). I know bits of Haskell, Python, and Wolfram, but in the end I don't care *that* much about programming if I can't do category theory in it. I became a relatively frequent contributor of [agda-categories](#). Agda is...well, pain. I like languages, natural and artificial (mi ŝatus verki vortaron al matematiko, kun terminoj el teoria kategorioj; mina ĉpin eesti keelt, aeglaselt; jeg liker Norsk, men jeg liker Maria Franz mer); 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.

Federico Lorenzin