

ACADEMIC POSITIONS

Euskal Herriko Unibertsitatea	Apr. 1st, 2025 –Present
Ramon y Cajal Postdoctoral Fellowship, affiliated at the Department of Mathematics, in the <i>Groups, Topology and Applications (GTA)</i> research team in Bilbao, Basque Country, Spain and at the Institute for Logic, Cognition, Language, and Information (ILCLI) in Donostia-San Sebastian, Basque Country, Spain.	
School of Mathematics, University of Leeds	Oct. 2023 –Feb. 2025
MSCA Postdoctoral Fellowship funded by the UKRI Guarantee fund. Advisor: Dugald Macpherson	
Mathematisches Institut der Universität Bonn	July 2022–Sept. 2023
Post-doctoral position (Wissenschaftlicher Mitarbeiter), Advisor: Philipp Hieronymi	
Fields Institute for Research in Mathematical Sciences	July 2021–June 2022
Field Post-Doctoral Fellowship during two thematic research programs.	
Hebrew University of Jerusalem, Einstein Institut of Mathematics	Oct. 2019–June 2021
Post-doctoral position with an additional Schonbrunn Fellowship (2019 - 2020) and a Golda Meir Fellowship (2020 - 2021). Advisor: Itay Kaplan	

EDUCATION

University Lyon 1, Institut Camille Jordan	Oct. 2015–20th June 2019
PhD, in Lyon (ICJ) part-time hosted in Paris (ENS); Advisors: Thomas Blossier (ICJ), Zoé Chatzidakis (ENS)	
– Thesis: “Expansions and neostability in model theory”. This thesis is concerned with the expansions of some algebraic structures and their fit in Shelah’s classification landscape. Keywords : Generic expansions; fields with generic subgroups; NSOP ₁ theories; forking; Kim forking; p -adic valuations on integers; finite dp-rank.	
University Paris Diderot	2014–2015
Master’s degree in Mathematical Logic and Foundation of Computer Science	
– Thesis: “Model-theory of fields: the independence property” (Advisor: Zoé Chatzidakis)	
Agrégation externe de Mathématiques	2014
A french national degree in mathematics and teaching	
University of Bordeaux	2013–2014
Master’s degree in General Mathematics	
– Thesis: “The field of quaternions” (Advisor: Jean-François Jaulent)	
Manchester University	2012–2013
Master’s degree Mathematics and Logic	
– Thesis: “On the complete ordered field” (Advisor: Alex Wilkie)	
University of Bordeaux	2009–2012
Bachelor in Mathematics	
– Thesis: “Ruler and Compass Constructions” (Advisor: Pierre Parent)	

PUBLICATIONS

1. E. Alouf and C. d'Elbée, “A new dp-minimal expansion of the integers”, *J. Symb. Log.*, vol. 84, no. 2, pp. 632–663, 2019, ISSN: 0022-4812,1943-5886
2. C. d'Elbée, “Generic expansions by a reduct”, *J. Math. Log.*, vol. 21, no. 3, Paper No. 2150016, 44, 2021, ISSN: 0219-0613,1793-6691
3. C. d'Elbée, “Forking, imaginaries, and other features of ACFG”, *J. Symb. Log.*, vol. 86, no. 2, pp. 669–700, 2021, ISSN: 0022-4812,1943-5886
4. C. d'Elbée, “Generic expansion of an abelian variety by a subgroup”, *Mathematical Logic Quarterly*, vol. 67, no. 4, pp. 402–408, 2021
5. C. d'Elbée and Y. Halevi, “Dp-minimal integral domains”, *Israel J. Math.*, vol. 246, no. 1, pp. 487–510, 2021, ISSN: 0021-2172,1565-8511
6. C. d'Elbée, I. Kaplan, and L. Neuhauser, “On algebraically closed fields with a distinguished subfield”, *Israel J. Math.*, vol. 263, no. 1, pp. 169–211, 2024, ISSN: 0021-2172,1565-8511
7. C. d'Elbée, I. Kaplan, and L. Neuhauser, “Existentially closed models of fields with a distinguished submodule”, *J. Symb. Log.*, vol. 91, no. 1, pp. 1–26, 2026, ISSN: 0022-4812,1943-5886
8. G. Conant, C. d'Elbée, Y. Halevi, L. Jimenez, and S. Rideau-Kikuchi, “Enriching a predicate and tame expansions of the integers”, *J. Math. Log.*, vol. 25, no. 1, Paper No. 2450011, 54, 2025, ISSN: 0219-0613,1793-6691
9. A. Berenstein, C. d'Elbée, and E. Vassiliev, “Vector spaces with a dense-codense generic submodule”, *Ann. Pure Appl. Logic*, vol. 175, no. 7, Paper No. 103442, 38, 2024, ISSN: 0168-0072,1873-2461
10. C. d'Elbée, “Generic multiplicative endomorphism of a field”, *Ann. Pure Appl. Logic*, vol. 176, no. 4, Paper No. 103554, 36, 2025, ISSN: 0168-0072,1873-2461
11. C. d'Elbée, I. Müller, N. Ramsey, and D. Siniora, “Model-theoretic properties of nilpotent groups and lie algebras”, *Journal of Algebra*, vol. 662, pp. 640–701, 2025, ISSN: 0021-8693
12. C. d'Elbée, Y. Halevi, and W. Johnson, “The classification of dp-minimal integral domains”, *Model Theory*, vol. 4, no. 2, pp. 131–162, 2025, ISSN: 2832-9058,2832-904X
13. C. d'Elbée, I. Müller, N. Ramsey, and D. Siniora, “A two sorted theory of nilpotent lie algebras”, *The Journal of Symbolic Logic*, pp. 1–24, 2025
14. C. d'Elbée, “Wilson conjecture for omega-categorical lie algebras, the case 4-engel characteristic 3”, *Journal of Algebra*, vol. 681, pp. 679–712, 2025, ISSN: 0021-8693
15. C. d'Elbée, “Wilson conjecture for omega-categorical Lie algebras, the case 3-Engel characteristic 5”, *Proc. Amer. Math. Soc.*, vol. 153, no. 12, pp. 5147–5165, 2025, ISSN: 0002-9939,1088-6826
16. C. d'Elbée and K. Gannon, “Measures and stability in a model, revisited”, *Bulletin of the Karaganda University. Mathematics Series*, vol. 121, no. 1, pp. 110–121, Mar. 2026

GRANTS

- | | |
|---|-------------|
| Ramón y Cajal Postdoctoral Fellowship RYC2023-042677-I
A 5 years postdoctoral Fellowship funded by the Spanish Ministry of Science. | June 2024 |
| London Mathematical Society - Scheme 1 Grant number 12362
A scheme 1 grant of £2500 for the conference MAC30 in Leeds. | June 2024 |
| Research in Paris (IHP) Program (with I. Müller, N. Ramsey and D. Siniora.)
A two-weeks research stay at the Institute Henry Poincaré, for a Research in Paris grant for the proposal “Generic Nilpotent Groups”. | July 2023 |
| UKRI Guarantee Scheme
UKRI Guarantee Scheme number EP/Y027833/1 for funding 100% of the MSCA Postdoctoral Fellowship number 101107014. | August 2023 |

MSCA Postdoctoral Fellowship Project 101107014 — WILDMOD “Model Theory of wild mathematical structure, new perspectives via geometries and positive logic”, with a score of 95,8%.	February 2023
Schonbrunn Postdoctoral fellowship Fellowship supporting my postdoc at the Hebrew University	2019 - 2020
Golda Meir Postdoctoral fellowship Fellowship supporting my postdoc at the Hebrew University	2020 - 2021
ECOS-Nord Funding Program Funding for a one month research stay at the Universidad de los Andes, Bogota.	April 2019

VISITS AND RESEARCH STAYS

Université des Sciences et Techniques de Masuku , Franceville, Gabon Research stay with Dr. Jules Tindzogh, and master mini-course. Funded by the Marie Skłodowska-Curie Actions (MSCA) — Staff Exchanges program <i>Mathematics in Gabon for Africa.</i>	Mar. 2nd, 2026 – Mar 16th, 2026
University of Leeds , Leeds Research stay, invited by Prof. Macpherson	Feb 8th, 2026 – Feb. 14th, 2026
Oxford University, Oxford Invited by Prof. Derakhshan	Feb. 1st 2026 – Feb. 7th, 2026
Münster University, Münster Secondment of the MSCA, funded by the UKRI Guarantee fund	Feb. 8th 2025 – Feb. 19th, 2025
University of Maryland, College Park, Maryland, U.S. Invited by A. Papadopoulos	Jan. 26th, 2025 – Jan. 30th, 2025
University of Notre Dame, South Bend, Indiana, U.S. Invited by Prof. N. Ramsey	Jan. 18th, 2025 – Jan. 24th, 2025
Universidad Complutense de Madrid. Invited by Profs. D. Palacin and E. Baro.	Feb. 19th, 2024 – Feb. 23th, 2024
University of the Basque Country (UPV/EHU), Bilbao. Invited by Profs. M. Casals and I. Kazachov	Feb. 12th, 2024 – Feb. 16th, 2024
Ohio State University, Columbus, Ohio, U.S. Invited by Prof. G. Conant.	Jan. 28th, 2024 – Feb. 3rd, 2024
University of Notre Dame, South Bend, Indiana, U.S. Invited by Prof. N. Ramsey	Jan. 16th, 2024 – Jan. 26th, 2024
Ohio State University, Columbus, Ohio, U.S. Invited by Prof. G. Conant and Prof C. Terry.	May 15th, 2022 – May 21st, 2022
Universidad de los Andes , Bogotá, Colombia Visit supported by the French public international collaboration fellowship: ECOS Nord program 048-2019.	Apr. 21st, 2019 – May 19th, 2019

TALKS AND MINI-COURSES

- **Universidad Autonoma de Madrid.** 13/04/2026 –14/04/2026
(Mini-Course) On omega-categorical groups.
- **Université des Sciences et Techniques de Masuku.** 02/03/2026 –16/03/2026
(Mini-Course) A first course on Burnside-type problems in groups, Lie algebra and associative algebra.

- **Leeds University.** Logic Seminar. 11/02/2026
A few cases of Wilson's conjecture.
- **Oxford University.** Advance Class Logic Seminar. 05/02/2026
Around Engel Lie algebras and the restricted Burnside problem.
- **University of the Basque Country,** Leioa. 20/01/2026–21/01/2026
On Zelmanov Characteristic 0 Theorem (Mini-Course).
- **ILCLI Seminar.** Donostia - San Sebastian. 24/10/2025
A short tour in Model Theory.
- **Nesin Matematik Köyü,** Şirince, Turkey. 08/09/2025–14/09/2025
A short course on the restricted Burnside Problem (Mini-Course).
- **Logic and Algorithms in Group Theory,** (follow-up) Hausdorff Institute of Mathematics, Bonn, Germany. 21/08/2025
Lie methods for omega-categorical groups (Contributed Talk).
- **DDG40 : Structures algébriques et ordonnées,** Observatoire Océanologique de Banyuls-sur-mer. 04/08/2025
Lie methods for omega-categorical groups (Invited Talk).
- **Model theory of tame expansions of topological fields,** INdAM, University of Naples Federico II. 14/07/2025
NIP Rings (Invited Talk).
- **Kazakh-French Logical Colloquium,** Gumilyov Eurasian National University, Astana, Kazakhstan 26/06/2025
Lie methods in omega-categorical Engel groups (Invited Talk).
- **Virtual Research Symposium,** University of Notre Dame (US) and Sidi Abdellah University (Algeria) 10/04/2025
On Wilson conjecture for omega-categorical Lie algebras (Invited online talk).
- **Seemod Conference, Oxford University** 19/03/2025
One case of Wilson's conjecture for omega-categorical Lie algebras (Invited conference talk).
- **Models Seminar, University of Leeds, Leeds** 26/02/2025
On Chatzidakis' expansion of F_p^{alg} (Local seminar talk).
- **Oberseminar, University of Bonn, Bonn** 17/02/2025
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **T-H-Thursday Seminar, Münster University, Münster** 13/02/2025
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Logic Seminar, University of Maryland, College Park** 28/01/2025
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Logic Seminar, University of Illinois Chicago, Chicago** 23/01/2025
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Logic Seminar, University of Notre Dame, Notre Dame** 21/01/2025
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Model Theory Seminar, Leeds** 11/12/2024
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Local seminar talk).
- **Séminaire Théorie des Modèles et Groupes, Paris** 12/11/2024
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Algebra, Geometry and Number Theory Seminar, Bath (UK)** 7/11/2024
Two cases of Wilson's conjecture for omega-categorical Lie algebras (Invited seminar talk).
- **Beijing Model Theory Conference, Beijing, China** 11/07/2024
On Wilson conjecture for Lie algebras (Invited conference talk).
- **PKU model theory (and friends) seminar** Beijing International Center for Mathematical Research 29/04/2024
Existentially closed nilpotent Lie algebras (Online Seminar talk).
- **LYMoTS Meeting, UCLan, Burnley (UK)** 15/04/2024
On Wilson conjecture for Lie algebras (Invited conference talk).
- **Logic Seminar, Oxford University** 29/02/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).
- **Logic Seminar, London Imperial College** 28/02/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).

- **Algebra, Geometry and Topology Seminar, University Complutense of Madrid** 21/02/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).
- **Algebra Seminar, University of the Basque Country, UPV/EHU, Bilbao (Spain)** 14/02/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).
- **Logic Seminar, Ohio State University, Columbus (US)** 30/01/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).
- **Logic Seminar, University of Notre Dame, Notre Dame (US)** 23/01/2024
Omega-categorical groups and Lie algebras (Invited seminar talk).
- **Leeds Logic Seminar** 13/12/2023
Omega-categorical groups and Lie algebras (Local seminar talk).
- **Mini-Course in Leeds** 04/12/2023-05/12/2023
Mini-course on amalgamation of Lie algebras (Local lecture).
- **Manchester Logic Seminar** 29/11/2023
Model theory of nilpotent groups and Lie algebras (Invited seminar talk).
- **Geomod Final Conference** 16/11/2023
Model theory of nilpotent groups and Lie algebras (Invited conference talk).
- **Model and Sets Seminar** 25/10/2023
Model theory of nilpotent groups and Lie algebras (Local seminar talk).
- **BCAM-Severo Ochoa Courses: Model Theory in Bilbao** 18/09/2023 – 22/09/2023
Lecture on the Ax-Kochen-Ershov theorem (Invited Lecturer).
- **Chinese Academie of Science seminar** 28/05/2023
(Online Talk) Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Helsinki Logic Seminar** 01/02/2023
(Online Talk) Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Oberwolfach Workshop ID 2302** January 2023
Generic multiplicative endomorphism of a field (Oberwolfach Workshop talk). A video is available via this link or on my website.
- **Séminaire de Logique, Institut Camille Jordan, Lyon** December 2022
Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Logic seminar, Hebrew University of Jerusalem** November 2022
Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Logic Oberseminar, Mathematical Institut, Bonn** October 2022
Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Logic Seminar, Ohio State University** May 2022
Generic multiplicative endomorphism of a field (Invited seminar talk).
- **Fields Postdoc Colloquium, Fields Institute** November 2021
Dp-minimal expansions of the group of integers: a survey (Invited seminar talk).
- **Workshop on Trends in Pure and Applied Model Theory, Fields Institute** July 2021
(Online Talk) Dp-minimal integral domains (Invited conference talk).
- **Logic seminar, Imperial College London** May 2021
(Online Talk) Dp-minimal integral domains (Invited seminar talk).
- **Logic seminar, Università degli Studi della Campania** May 2021
(Online Talk) Dp-minimal integral domains (Invited seminar talk).
- **Topological and Differential Expansions of O-minimal Structures, Universidad de los Andes/Universität Konstanz/Università di Pisa** December 2020
(Online Talk) Generic expansion by a reduct (Invited conference talk).
- **Séminaire Théorie des Modèles Paris-Lyon, Université Paris Diderot/Université de Lyon** December 2020
(Online Talk) Dp-minimal integral domains (Invited seminar talk).
- **Logic seminar, Hebrew University of Jerusalem** November 2020
(Online Talk) Dp-minimal integral domains (Invited seminar talk).
- **Notre Dame Logic Seminar, South Bend, Indiana** October 2020
(Online Talk) Dp-minimal integral domains (Invited seminar talk).

- **British Postgraduate Model Theory Conference, Leeds** January 2020
Neostability and independence relations (Invited conference talk).
- **Logic seminar** Hebrew University of Jerusalem October 2019
Generic Abelian Varieties (Invited seminar talk).
- **Seminarios de Lógica, Universidad de los Andes, Bogotá** April 2019
Expansions of the group of integers (Invited seminar talk).
- **Séminaire des doctorants et doctorantes, Institut Camille Jordan, Université Lyon 1** March 2019
Model theory and independence relations (Invited seminar talk).
- **Séminaire Théorie des Modèles et Groupes** Institut Mathématique de Jussieu, Université Paris-Diderot December 2018
Generic additive subgroup of an algebraically closed field of positive characteristic (Invited seminar talk).
- **Neostability theory, BIRS 18w5193, Casa matematica, Oaxaca (Mexico)** October 2018
Generic additive subgroup of an algebraically closed field of positive characteristic. Generic expansion by a reduct (Invited conference talk).
- **Séminaire des Doctorants et Doctorantes, Institut Camille Jordan, Université Lyon 1** November 2017
Hilbert 17th problem: a model theoretic proof (Invited seminar talk).
- **Séminaire de Théorie des Modèles** Institut Camille Jordan, Université Lyon 1 October 2017
Generic additive subgroup of an algebraically closed field of positive characteristic (Invited seminar talk).
- **Séminaire Théorie des Modèles et Groupes, Institut Mathématique de Jussieu, Université Paris-Diderot** February 2017
Minimal expansions of the group of integers (Invited seminar talk).
- **Séminaire Théorie des Modèles, Institut Camille Jordan, Université Lyon 1** February 2017
Minimal expansions of the group of integers (Invited seminar talk).
- **British PostGraduate Model Theory Conference, Leeds** January 2017
Minimal expansions of the group of integers (Invited conference talk).
- **Colloquium Inter'Action, Université Lyon 1** May 2016
Ax's proof of a theorem of Grothendieck (Invited conference talk)
- **Journée des doctorants et doctorantes, Université Lyon 1** April 2016
Algebra and model theory (Invited seminar talk).

CONFERENCES ATTENDED

- **GTA Gran Bilbao VII** 23/04/2026–24/04/2026
University of the Basque Country, Bilbao, Basque Country, Spain
- **Iberian Model Theory Meeting** 23/01/2026
Universidad Autonoma de Madrid Madrid, Spain
- **GTM: Géométrie et Théorie des Modèles** 12/12/2025
ENS, Paris
- **Follow-Up Workshop: “Logic and Algorithms in Group Theory”** 18/08/2025–22/08/2025
Hausdorff Institute of Mathematics, Bonn, Germany
- **DDG40 : Structures algébriques et ordonnées** 04/08/2025–08/08/2025
Observatoire Océanologique de Banyuls-sur-Mer, France
- **Model theory of tame expansions of topological fields** 14/07/2025–18/07/2025
INdAM, University of Naples Federico II Naples, Italy
- **Kazakh-French Logical Colloquium,** 24/06/2025–27/06/2025
Gumilyov Eurasian National University, Astana, Kazakhstan
- **SEEMOD: South east and eastern Model Theory seminars** 19/03/2025
Oxford University

- Model theory, Algebra, Combinatorics – MAC 30 07/10/2024 –09/10/2024
University of Leeds, UK.
- Model Theory and Applications to Groups and Combinatorics 30/09/2024 –04/10/2024
CIRM, Marseille, France
- Beijing Model Theory Conference 08/07/2024 –12/07/2024
Beijing, China
- Lancashire Yorkshire Model Theory Seminar (LYMoTS) 15/04/2024
Burnley, UK.
- Virtual Research Symposium, 10/04/2024
University of Notre Dame (US) and Sidi Abdellah University (Algeria).
- Geomod Network Final Conference (ANR-DFG) 13/11/23–17/11/2023
Freiburg-em-Brisgau, Germany
- Combinatorial Problems in Model Theory and Computer Science 6/11/2023–8/11/2023
Leeds, UK
- Model theory and Groups 25/09/2023–29/09/2023
Münster, Germany
- Model Theory in Bilbao, BCAM 11/09/2023–22/09/2023
Bilbao, Spain
- Neostability, BIRS 23w5145 19/02/2023 –24/02/2023
Banff International Research Station (Canada).
- Oberwolfach Workshop ID 2302 08/01/2023–14/01/2023
Oberwolfach, Germany
- Model Theory Conference, Newelski 60th Birthday 16/12/2022–22/12/2022
Bedlewo, Poland
- Practical and Structural Model Theory 25/07/2022–30/07/2022
Leeds
- Model Theory and Applications 2022 20/06/2022–25/06/2022
Cetraro, Italy
- Interactions Between O-minimal, Complex Analytic and Nonarchimedean Methods 06/06/2022–10/06/2022
Fields Institute, Toronto
- Introductory Workshop on Tame Geometry,
Transseries and Applications to Analysis and Geometry 10/01/2022–14/01/2022
Fields Institute, Toronto
- From Geometric Stability Theory to Tame Geometry,
in honor of Ehud Hrushovski's 60th birthday 13/12/2021–17/12/2021
Fields Institute, Toronto
- Workshop on Model Theory and Combinatorics 29/11/2021–03/12/2021
Fields Institute, Toronto
- Workshop on Trends in Pure and Applied MT 26/07/2021–30/07/2021
Fields Institute, Toronto
- Problems Allied to MT and Universal Algebra (Online) 23/05/2021–29/05/2021
Erlagol (Russia)

<ul style="list-style-type: none"> British Postgraduate Model Theory Conference Leeds 	08/01/2020–10/01/2020
<ul style="list-style-type: none"> Neostability, BIRS 18w5193 Casa matematica Oaxaca (Mexico). 	14/10/2018 –19/10/2018
<ul style="list-style-type: none"> From permutation groups to model theory ICMS, Edinburgh 	17/09/2018–21/09/2018
<ul style="list-style-type: none"> Model Theory and Applications IHP Paris 	26/03/2018 –30/03/2018
<ul style="list-style-type: none"> Workshop Model Theory of Valued Fields IHP Paris 	05/03/2018 –09/03/2018
<ul style="list-style-type: none"> Workshop Model Theory and Combinatorics IHP Paris 	29/01/2018 –02/02/2018
<ul style="list-style-type: none"> Model Theory, Combinatorics and Valued Fields CIRM Marseille 	08/01/2018 –12/01/2018
<ul style="list-style-type: none"> Model Theory Bedlewo (Poland) 	03/07/2017 –07/07/2017
<ul style="list-style-type: none"> Model Theory in Wroclaw Wroclaw (Poland) 	30/06/2017 –02/07/2017
<ul style="list-style-type: none"> Automorphism Groups, Differential Galois Theory Barcelone 	26/06/2017 –27/06/2017
<ul style="list-style-type: none"> British Postgraduate Model Theory Conference Leeds (UK) 	25/01/2017 –27/01/2017
<ul style="list-style-type: none"> Conférence Théorie des Modèles et Applications Mons (Belgium) 	16/01/2017 –19/01/2017
<ul style="list-style-type: none"> BN - pair Istanbul (Turkey) 	19/10/2016 –23/10/2016
<ul style="list-style-type: none"> Colloque en l'honneur de Françoise Delon IMJ, Paris 	02/06/2016 –03/06/2016
<ul style="list-style-type: none"> MMM, Model theory Month in Munster Muenster, Germany 	18/04/2016 –20/05/2016

RESEARCH ACTIVITIES AND OUTREACH

<p>Iberian Model Theory Meetings Regular 1 day event for model theorists in the iberian peninsula. Organizer jointly with Baro, Palacin, Rodriguez-Fanlo.</p>	23/01/2026
<p>Models Seminar in Leeds Weekly local seminar in Model Theory at the University of Leeds, Leeds, UK Organizer jointly with D. Macpherson.</p>	October, 2024 – February 2025
<p>Model theory, Algebra and Combinatorics - MAC30 Conference Website, School of Mathematics, University of Leeds, Leeds, UK Organizer of the conference, with Papadopoulos and Mantova.</p>	7 - 9 October, 2024
<p>GeSAMT: Bonn-Münster-Düsseldorf bi-yearly seminar Mathematisches Institut, Bonn Co-organiser with Prof. Hieronymi.</p>	January 28th, 2023

Oberseminar
Mathematisches Institut, Bonn
Co-organiser with Prof. Hieronymi
Weekly seminar.

July 2022 – Sept. 2023

Fields Model Theory Seminar
Fields Institute, Toronto
Co-organiser with Esther Elbaz and Alexi Block-Gorman
Weekly seminar during the Thematic Program
on Trends in Pure and Applied Model Theory,
and the Thematic Program on
Tame Geometry, Transseries and Applications
to Analysis and Geometry

July 2021 – June 2022

Journée des Jeunes Chercheur-e-s
ICJ Lyon
Co-organiser, with Ariane Carrance.
A one-day conference for young researchers in Lyon.

Nov. 28th, 2016

Math α Lyon
ICJ Lyon
Outreach activities for “Fête de la science”, with school students.

Oct. 11th, 2018 – Oct. 12th, 2018

Peer Reviewing
I am referee for the *Annals of Pure and Applied Logic* and *Journal of Symbolic Logic*.

STUDENT SUPERVISION

Mathematisches Institut
Post-doctoral position

University of Bonn
October 2022–Now

- PhD thesis co-advisor
With Philipp Hieronymi, supervision of the PhD thesis of Leon Chini. Keywords of the thesis: Model theory of expansions of a real-closed field by generic multiplicative map. Distal expansions of the natural numbers with a successor function.

Hebrew University
Post-doctoral position

Jerusalem
October 2019–October 2021

- Bachelor’s thesis co-advisor
With Itay Kaplan, supervision of the bachelor’s thesis of Leor Neuhauser. Keywords of the thesis: Positive logic and generic expansions of fields with subgroups. NSOP₁ in the positive logic sense. NSOP₁ expansions of theories of fields.

TEACHING

Mathematisches Institut

Teaching Assistant

- (Winter term) Adv Math Logic II: Tame Geometry
Exercise Sessions for an MSc course.
- (Summer term) Adv. Topics in Math. Logic - Neostability and Independence relations
Lecturer for an MSc course.

University of Bonn

October 2022–Now

University Lyon 1

Teaching Assistant (ATER)

- Notions in Mathematics
24hrs. 1st year Mathematics and Computer Science
- Mathematical Physics
38hrs. 1st year Physics and Engineering
- Weekly mathematic oral exam : Diagonalization and Applications
36hrs. 2nd year Mathematics and Computer Science

Lyon (France)

October 2018–June 2019

University Lyon 1

Ph.D.

- Basics of Mathematics
39 hrs. 1st year Physics and Computer Sciences
- Algebra, Diagonalization and Applications
28hrs. 2nd year Mathematics and Computer Science
- Algebra and Geometry
14hrs. 3rd year General Mathematics
- Algebra and Geometry
45hrs. 2nd year Mathematics and Computer Science
- Weekly Oral Examination: Calculus
34.5hrs. 2nd year Mathematics and Computer Science
- Weekly Oral Examination General Mathematics
6hrs. 1st year Mathematics and Computer Science
- Weekly Oral Examination Algebra, Diagonalization and Application
9.5hrs. 2nd year Mathematics and Computer Science
- Weekly Oral Examination Calculus and Measure Theory
8hrs. 3rd year General Mathematics

Lyon (France)

October 2015–June 2018

COMPUTER SCIENCE ABILITIES

- **Mathematical Calculus** : sage-math, GAP, Magma.
- **General** : python, C, html.
- **Computer software** : LogicPro, FinalCut.

LANGUAGES

- **French** : Native speaker.
- **English** : Fluent.
- **Spanish** : Fluent.
- **Basque** : Fluent.