Curriculum Vitae

Fabrizio Bianchi

Personal information

Date of birth | December 31st, 1989

Nationality Italian

Address | Dipartimento di Matematica

Università di Pisa

Largo Bruno Pontecorvo, 5 56127 Pisa (PI), Italy

Office 319

Webpage https://people.cs.dm.unipi.it/bianchi

Email fabrizio.bianchi(at)unipi.it

Expertise and research interests

Holomorphic dynamics, complex analysis and geometry, pluripotential theory, ergodic theory and dynamical systems

Cursus

Academic positions

09/2023 - | Professore Associato, Università di Pisa, Italy

01/2019 - Chargé de recherche CNRS (tenured full time researcher), CNRS, France. On leave since 09/2023.

Postdoctoral positions

2018 - 2019 | Marie Skłodowska-Curie Fellow, Department of Mathematics, Imperial College London, UK.

2016 - 2018 | Chapman Fellow, Department of Mathematics, Imperial College London, UK.

Supervisor/Mentor: Dr Davoud Cheraghi

Education

2013–2016 | PhD student, Institut de Mathématiques de Toulouse and Università di Pisa

Thesis Motions of Julia sets and dynamical stability in several complex variables

Defended on September 9th, 2016

Supervisors: Prof. François Berteloot and Prof. Marco Abate

2011–2013 | Second level Diploma (Licenza), Mathematics, Scuola Normale Superiore di Pisa

MSc in Mathematics, Università di Pisa

Thesis Geodesics for meromorphic connections on Riemann surfaces and dynamics of homoge-

neous vector fields in several complex variables

Defended on July 19th, 2013 Supervisor: Prof. Marco Abate

2008–2011 | First level Diploma of Science Class (Mathematics), Scuola Normale Superiore di Pisa

Bachelor of Science in Mathematics, Università di Pisa

2003-2008 | Secondary school diploma, Liceo Scientifico M.G. Agnesi, Merate (Lecco, Italy).

Invited talks

Talks in conferences and workshops

2025 (planned)	Complex Geometry, Complex Analysis and Dynamics, CIRM Marseille, July 7-11 From Complex Analysis to Quantization, Chern Institute for Mathematics, Tianjin, China,
(planned)	May 12-16
	Tangent to the Identity Germs and Affine Surfaces, Toulouse February 10-14
2024	SCV, CR geometry and Dynamics, RIMS Kyoto, November 25-29
	CR Analysis and Complex Dynamics, Leipzig, September 30 - October 1
	Complex Analysis and Complex Geometry, Hanoi, Vietnam, August 26-29
	On Geometric Complexity of Julia Sets-V, Bedlewo, Poland, July 21-26
	Complex Dynamics and complex geometry, Amiens, June 17-21
	Parameter spaces in complex dynamics and related topics, Pisa, May 27-31
	Index Theory and Complex Geometry Part 2, Singapore, April 29 - May 3
2023	Algebraic Geometry, Arithmetic and Dynamics Part 2, Singapore, August 28 - September 1
	Surfaces affines et germes tangents à l'identité, Toulouse , July 10-13
	SCV, CR geometry, and Dynamics, Nice, May 30-June 4
	Dynamics of Hénon Maps: Real, Complex and Beyond, Banff, Canada, April 10-14
	Complex dynamics: connections to other fields, University of Warsaw Conference Centre in
	Checiny, Poland, March 27-31
0000	First ANR PADAWAN meeting, Orléans , January 5-6
2022	Complex Geometry, Dynamical Systems and Foliation Theory, CIRM Marseille, October 17-21
	Complex Geometry and Dynamical Systems, Oberfolfach, Germany , September 4-10 Simons Symposium Algebraic, Complex and Arithmetic Dynamics, Schloss Elmau in Elmau
	(Krün, Germany), August 22-26
	1st Al-Khorezmi International Conference on Modern problems of Mathematics, dedicated to the
	75th anniversary of Azimbay Sadullaev, Urgench (Uzbekistan) , July 25-29
	Final conference ANR FATOU, Orléans , June 13-17
	Adventurous Berkeley Complex Dynamics, main conference in the MSRI semester Complex Dy-
	namics: from special families to natural generalizations in one and several variables May 2-6
	(MSRI, Berkeley, California, US)
2021	On geometric complexity of Julia sets - III, Bedlewo, Poland, September 27-October 1
	Index Theory and Complex Geometry: Conference on Complex Analysis and Geometry, August
	16-20 (organized by IMM, Singapore - online)
2020	On geometric complexity of Julia sets - II, August 24-27 (organized by IMPAN, Poland - online)
	First Virtual Conference on Complex Analysis and Complex Geometry, May 4 - June 14 (online)
0010	Complex Dynamics, CIRM Marseille, January 27-31
2019	Dynamics and geometry, Singapore, November 20
	Dynamics, Equations and Applications, Krakow, Poland, September 16-20 XX Congresso Unione Matematica Italiana, Complex Geometry section, Pavia, September 2-7
	Topics in Complex Dynamics 2019, Barcelona, March 25-29
	LMS Scheme 3 Network in Holomorphic Dynamics meeting, Nottingham , January 14
2018	Journée de dynamique complexe, Nice , December 18
	Final conference ANR LAMBDA, Toulouse , May 28-June 1
	Varietà reali e complesse: geometria, topologia e analisi armonica, Pisa , February 1-3
2017	Holomorphic Dynamics, RIMS, Kyoto, December 11-15
	Topics in Complex Dynamics 2017, Barcelona, October 2-6
	LMS Scheme 3 Network Holomorphic Dynamic meeting, Imperial College, London, March 22
	Aspects of dynamical systems, Imperial College, London, March 16-18
2016	Progressi Recenti in Geometria Reale e Complessa - X, Levico, October 8-11
	Workshop Residues and dynamics, held in Pisa, September 12-13
	Workshop Dynamical systems in logic, complex analysis and ergodic theory, Pisa, February 8-9

Topics in Complex Dynamics 2015, Barcelona, November 23-27
Rencontre ANR LAMBDA, held in Amiens, September 28-30
Complex Analysis and Geometry - XXII, Levico, May 31 - June 5
Aspects métriques et dynamiques en analyse complexe, Lille, May 18-23
Komplex Analysis Weeklong School and Workshop (KAWA6), Pisa, March 23-29
Postgraduate Conference in Complex Dynamics, London, March 11-13
 Progressi Recenti in Geometria Reale e Complessa - IX, Levico, October 20-23

Special lectures

- 2023 | Cologne (Monthly Regional Bochum-Essen-Koeln-Wuppertal seminar), January
- 2022 **Oklahoma** (Karcher Colloquium), October

Talks in research seminars

- 2024 | Oklahoma (February), Singapore (March), Roma Tor Vergata (May), Singapore (September)
- Cologne (Regional Bochum-Essen-Koeln-Wuppertal seminar, January), Singapore (February), Oklahoma (February), Tashkent, Uzbekistan (March, online), IMPAN, Warsaw (March), Paris Sorbonne (April), Lille (April), Amiens (May), Paris IHP (June), Florence (November), Toulouse (December)
- 2022 Paris Sorbonne (January), Open University, Milton Keynes, UK (March, online), Rennes (May), Beijing (June, online), Cologne (July), Pisa (September), Angers (October), Singapore (November), North Texas (December, online)
- 2021 | **Tashkent**, Uzbekistan (November), **Bordeaux** (November)
- 2020 | Lille (February), Toulouse (November, online)
- 2019 | Amiens (October), RIMS Kyoto (December)
- 2018 NUS Singapore (February), Nice (April), Warsaw (June), Lille (September)
- 2017 Lille (February), Paris 6 (February), Orléans (April), Rennes (April), Queen Mary, London (September), Dijon (October), Warwick (October), Tokyo (December)
- 2016 Imperial College, London (January), Open University, Milton Keynes, UK (January), Dijon (June), Amiens (October), Liverpool (November)
- 2015 | **IMPAN**, **Warsaw** (September), **Toulouse** (November)

Research courses

- Thermodynamic formalism in holomorphic dynamics in Beyond uniform hyperbolicity 2025, ICTP
- (planned) | **Trieste**, June
 - 2024 2x1h30 mini-course *Dynamics of horizontal-like maps* in the first PHC Galileo meeting, **Parma**, October 23-25
 - 2023 4x1h30 course *Equilibrium states through potential theory* in the Simons Semester on Dynamical Systems: *Topological, smooth and holomorphic dynamics, ergodic theory, fractals* in Banach Center, **Warsaw**, March
 - 2018 2x1h30 mini-course *Bifurcations for polynomial-like maps* in the First ANR FATOU meeting, **Amiens**, April 16-18

Visits (at least a week, conferences excluded)

- 2024 | Oklahoma (February), Singapore (March and August), Hanoi (August)
- 2023 | Milan (January), Singapore (January-February), Oklahoma (February), Warsaw (March), Toulouse (July and December)
- 2022 MSRI (February), Singapore (April and November), Cologne (July), Milan (July), Oklahoma (September-October)
- 2021 | Orléans (June), Tashkent and Bukhara, Uzbekistan (November)
- 2019 Milan (April), London (April), Orléans (May), Trento (June), Cologne (July), Lahore, Pakistan (October), Singapore (November), Kyoto (December)
- 2018 | Singapore (February and December), Warsaw (June), Milan (August), Lille (October)
- 2017 | Paris, Paris 6 and Ecole Polytechnique (March), Dijon (July and October), Orléans (September), Kyoto and Tokyo (December)

- 2016 | London, Imperial College (January), Amiens (October)
- 2015 | Warsaw, IMPAN (September)
- 2012 | Paris, Ecole Normale Superieure (October-December, as exchange student during the last year of undergraduate studies)

Publications

Published papers

(with Yan Mary He) A Mané-Manning formula for expanding measures for endomorphisms of \mathbb{P}^k Transactions of the AMS, Volume 377, Number 11, 8179-8219, 2024

(with Tien-Cuong Dinh and Karim Rakhimov) Monotonicity of dynamical degrees for horizontal-like and polynomial-like maps

Transactions of the AMS, Volume 377, Number 9, 6595-6618, 2024

(with Tien-Cuong Dinh) Equilibrium states of holomorphic endomorphisms of \mathbb{P}^k II: spectral gap and limit theorems

Geometric and Functional Analysis (GAFA), Volume 34, 1006–1051 (2024)

(with Karim Rakhimov) Strong probabilistic stability in holomorphic families of endomorphisms of \mathbb{P}^k and polynomial-like maps

International Mathematics Research Notices (IMRN), Volume 2024, Issue 12, 9875–9892 (2024)

(with Samuele Mongodi) Generalized Levi currents and singular loci for families of plurisubharmonic functions

Journal of Geometric Analysis, Volume 34, article number 203 (2024)

(with Tien-Cuong Dinh) Every complex Hénon map is exponentially mixing of all orders and satisfies the CLT

Forum of Mathematics, Sigma, Volume 12, article e4 (2024)

(with Tien-Cuong Dinh) Equilibrium states of holomorphic endomorphisms of \mathbb{P}^k I: existence and properties

Journal de Mathématiques Pures et Appliquées, Volume 172, 162-201 (2023)

(with Matthieu Astorg) *Hyperbolicity and bifurcations in families of polynomial skew products* **American Journal of Mathematics**, Volume 145, Number 3, 861-898 (2023)

(with Samuele Mongodi) On minimal kernels and Levi currents on weakly complete complex manifolds, 2021

Proceedings of the AMS, Volume 150, Issue 9, 3927–3939 (2022)

(with Matthieu Astorg) *Higher bifurcations for polynomial skew products* **Journal of Modern Dynamics**, 18, 69-99 (2022)

(with Yûsuke Okuyama) Degeneration of quadratic polynomial endomorphisms to a Hénon map Indiana University Mathematics Journal, Volume 69, 2549-2570 (2020)

Misiurewicz parameters and dynamical stability for polynomial-like maps of large topological degree

Mathematische Annalen, Volume 373, 901–928 (2019)

Parabolic implosion for endomorphisms of \mathbb{C}^2

Journal of the European Mathematical Society, Volume 21, 3709-3737 (2019)

(with François Berteloot) Perturbations d'exemples de Lattès et dimension de Hausdorff du lieu de bifurcation

Journal de Mathématiques Pures et Appliquées, Volume 116, 161–173 (2018)

(with François Berteloot and Christophe Dupont) Dynamical stability and Lyapunov exponents for holomorphic endomorphisms of \mathbb{P}^k

Annales Scientifiques de l'ENS, Volume 51, Issue 1, 215-262 (2018)

(with Johan Taflin) Bifurcations in the elementary Desboves family **Proceedings of the AMS**, Volume 145, Issue 10, 4337–4343 (2017)

(with Marco Abate) A Poincaré-Bendixson theorem for meromorphic connections on Riemann surfaces

Mathematische Zeitschrift, Volume 282, Issue 1, 247–272 (2016).

Preprints

(with Yan Mary He) Pressure path metrics on parabolic families of polynomials, 2024

(with Sardor Bazarbaev and Karim Rakhimov) On the support of measures of large entropy for polynomial-like maps, 2024

(with Tien-Cuong Dinh and Karim Rakhimov) Hölder continuity and laminarity of the Green currents for Hénon-like maps, 2024

(with Matthieu Astorg) *Horn maps of semi-parabolic Hénon maps*, 2024 **Mathematische Annalen**, to appear

(with Maxence Brévard) Holomorphic motions of weighted periodic points, 2023

Proceedings of the Simons Symposia on Algebraic, Complex, and Arithmetic Dynamics, to appear

(with Tien-Cuong Dinh) Exponential mixing of all orders and CLT for automorphisms of compact Kähler manifolds. 2023

Other

(with Tien-Cuong Dinh) Statistical properties of complex Hénon maps, in Hénon maps: a list of open problems (Eds. C. Favre, T. Firsova, L. Palmisano, J. Raissy, G. Vigny)

Arnold Mathematical Journal, 2024

(with François Berteloot) *Stability and bifurcations in projective holomorphic dynamics* Dynamical systems, **Banach Center Publications**, 115, Polish Acad. Sci. Inst. Math., Warsaw, 37–71, 2018

Editorial work

Editor of the Springer Lecture Notes Volume Quantitative aspects in complex analysis, geometry, and dynamics (in preparation). This volume is the collection of the expanded lectures notes of the courses in the ACQUA21 school that I organized in Lille in 2021.

Reporter for the Oberwolfach report 40/2022, Complex Geometry and Dynamical Systems

Research Fellowships, grants, and other funding (by year of award) Fellowships and positions (excluding declined positions)

2023	Winner of the competition for a permanent full-time position of Professore Associato at t	the
	University of Pisa	

- Winner of the French national competition for a permanent full-time CNRS researcher position Two-year Marie Skłodowska-Curie Individual Fellowship
- 2016 Two-year Chapman Fellowship, Department of Mathematics, Imperial College
- 2013 | LabEx CIMI full PhD scholarship (2013-2016), Université Paul Sabatier, Toulouse
- Winner of the competition for Full Scholarship for a 5-year term of studies (2008-2013) in the Science Class of Scuola Normale Superiore di Pisa (SNS).

Participation and direction of research groups

- 2024 | Member of the ANR TIGerS (Tangent to the Identity Germs and affine Surfaces, PI Xavier Buff), 2025-2028, €374.321
- Member of the PHC Galileo G24-123 (From rational to transcendental: complex dynamics and parameter spaces, PIs Miriam Benini and Jasmin Raissy), €6.250 (Italian side)

- 2021 Coordinator of the Axis *Holomorphic Dynamics* of the three-year ANR-DFG funded project QuaSiDy (Quantization, Singularities, and Holomorphic Dynamics, Pls Viet-Anh Nguyen and George Marinescu), 2022-2024, €562.000
 - Member of the four-year ANR funded project PADAWAN (Parabolic dynamics, bifurcations, and wandering domains, PI Matthieu Astorg), 2022-2025, €184.000
- PI of the two-year I-SITE ULNE grant NEPECAD (New perspectives in Complex Analytic Dynamics), Lille (2020-2021), €118.800

Funding for specific events

- 2021 | INDAM funding for the workshop "New trends in holomorphic dynamics", 2022, €15000 + use of Palazzone of Cortona
- 2020 | Porteur for the "CNRS Ecole Thematiques" project, for the organization of ACQUA20/21 (various grants, total budget of the event €18000)

Other collaborative funding

- 3 months CNRS "Poste Rouge" Invitation for Yusuke Okuyama (with Gabriel Vigny)
 1-week Research in Pairs (with Samuele Mongodi), CIRM-FBK Trento (Italy)
 - Projet Internationalisation BQR (with Viet-Anh Nguyen), Université de Lille, for cooperation with the Institute of Mathematics of Cologne (€2500)
- Imperial College European Partner Fund (with Davoud Cheraghi), for collaboration with the French community in holomorphic dynamics, 2017-2019 (£5,000)

Other personal funding

- 2023 Junior Leader 1-month fellowship of the Simons Semester on Dynamical Systems: Topological, smooth and holomorphic dynamics, ergodic theory, fractals in Banach Center, Warsaw, Spring 2023; invited 1-week course
- 3-week JSPS Invitational Fellowships for Research in Japan (Short-term), host: Yusuke Okuyama Projet Exploratoire Premier Soutien (PEPS) *Jeune chercheuse, jeune chercheur*, CNRS, €3500
- 2017-18 | Imperial College Research Imperial College Research Impulse Awards (3x) (total £3000)
 - 2014 | Mobility grant *Bando Vinci* from the *Université Franco-Italienne* for joint PhD degrees between Italy and France (€4500)
 - Grant from SNS to attend the *Advanced school and workshop in Real and Complex Dynamics*, ICTP Trieste, May 20-31, 2013 (€750)
 - 2012 | Grant from SNS, fully funded visit to the Ecole Normale Superieure, Paris, Oct-Dec 2012

Service and responsibilities

- 2024- Member of the PhD School board, Dipartimento di Matematica, Pisa
- 2024- Member of the *Commissione di Coordinamento* of the *Dipartimento di Eccellenza* project, Dipartimento di Matematica, Pisa
- 2024-2025 | Responsible for the VQR 2020-2024 evaluation preparation, Dipartimento di Matematica, Pisa
- 2020-2023 | Membre du Conseil, Laboratoire Paul Painlevé
- 2020-2023 | Membre du Conseil, Fédération de Recherche Mathématique des Hauts-de-France
 - 2022 | Member of the hiring committee for a *Maître de Conférences* (lecturer, tenured position), Université de Lille
 - 2020 Member of the hiring committee for a *Maître de Conférences* (lecturer, tenured position), Université de Amiens
 - 2024 | Referee for the NWO (Dutch Research Council), one grant proposal
 - 2021- Referee for the Polish National Science Centre (evaluation of two grant applications, 2021, 2023)

Referee for

Analysis and Mathematical Physics, Annali della Scuola Normale Superiore di Pisa, Computational methods and function theory, Discrete and continuous dynamical system, Fundamenta mathematicae, Inventiones Mathematicae, Journal für die reine und angewandte Mathematik (Crelle's journal), Journal of Dynamical and Control Systems, Journal of Fixed Point Theory and Applications, Journal of Geometric Analysis, Journal of the European Mathematical Society, Proceedings of the AMS, Rendiconti del Circolo Matematico di Palermo

Expert opinion

for

Advances in Mathematics, Communication in Mathematical Physics, Conformal Geometry and Dynamics, Fundamenta Mathematicae, Geometric and Functional Analysis (GAFA), Journal of Functional Analysis, Journal of the American Mathematical Society, Journal of the European Mathematical Society, Journal of the London Mathematical Society, Mathematische Annalen, Results in Mathematics, Revue Roumaine de Mathématiques Pures et Appliquées, Transactions of the AMS

Reviewer for | Mathematical Reviews and zbMATH - Zentralblatt MATH

Organization of events

Conferences and meetings

- 2025 CIMI semester *Holomorphic dynamics and geometry of surfaces*, Toulouse, France, January-June https://www.cimi.univ-toulouse.fr/en/all-news/c8b29677-3c4d-438b-b4de-aecc5be1a274/with Xavier Buff, Julio Rebelo, and Slavyana Geninska
- 2023 Pluripotential theory and holomorphic foliations, Valenciennes, France, 25-27 October https://workshophfpt.sciencesconf.org with Séverine Biard, Judith Brinkschulte, and Viet-Anh Nguyen
- Workshop on complex geometry and holomorphic dynamics, Calais, France, 4-5 September https://www.mathconf.org/wcghd2023 with Daniel Greb and Christian Miebach
- 2022 New trends in holomorphic dynamics, Cortona, Italy, 29 August, 2 September 2022 https://sites.google.com/view/hds-cortona-2022 with Leandro Arosio, Jasmin Raissy, and Matteo Ruggiero
- 2022 Introductory workshop of the MSRI semester Complex Dynamics: from special families to natural generalizations in one and several variables

 MSRI, 8 17 February 2022

 https://www.msri.org/workshops/971

with Anna Miriam Benini, Mikhail Hlushchanka, and Dylan Thurston

2021 ACQUA21 - Quantitative aspects in complex analysis, geometry and dynamics
1-week school + workshop, Lille, October 25 - 29, 2021
https://www.mathconf.org/acqua2021/
with George Marinescu, Volker Mayer, Viet-Anh Nguyen, Karim Rakhimov, and Gabriel Vigny
porteur du projet

2021 | Journée du Laboratoire Paul Painlevé, Villeneuve d'Ascq, July 1 https://www.mathconf.org/jlpp2020 with Sylvain Arguillère and Baba Thiam

2019 | Journée d'analyse complexe, Lille, October 9 https://www.mathconf.org/jac2019 with Viet-Anh Nguyen

Regular seminars

2021-2023 | Monthly seminar "Dynamique Holomorphe" | IHP, Paris

with Matthieu Astorg and Nguyen Bac Dang

Teaching and tutoring

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2024-2025	Università di Pisa - Complex Analysis and Geometry, MSc course, Mathematics degree - Mathematical analysis, first year, Informatics degree - Mathematics, first year, Tecniche per la Meccanica e la Produzione, Engineering degree	
2023-2024	Università di Pisa - Holomorphic dynamics, MSc course, Mathematics degree - Mathematical analysis, first year, Informatics degree	
2021-2022	International Mathematics Master - COMSATS, Lahore, Pakistan (ICTP – CUI Visiting Scholars Program for Training and Research in Mathematics) - Differential geometry, MSc course (with Marco Abate, Eleonora di Nezza, and Francesca Tovena)	
	Université de Lille - Tutor for two fourth year students	
2020-2021	Université de Lille - Ergodic theory, theory of currents, and complex dynamics, "M2 Recherche" course	
	International Mathematics Master - COMSATS, Lahore, Pakistan - Mathematical analysis (exercise classes, online) - Functional analysis (exercise classes, online)	
2019-2020	International Mathematics Master - COMSATS, Lahore, Pakistan - Differential geometry, MSc course (with Marco Abate)	
2017-2018	Imperial College London - Geometric Complex Analysis, 3rd-4th-MSc course - Tutor for six first, second and third year students	
2016-2017	Imperial College London - Introduction to Riemann surfaces and conformal dynamics, 3rd-4th-MSc course - Tutor for five first and second year students	
2015-2016	Université Paul Sabatier, Toulouse - <i>Mathématiques 1 - Analyse 1</i> , L1 (first year) Sciences fondamentales et appliquées, course and exercises.	
2014-2015	Université Paul Sabatier, Toulouse - <i>Mathématiques</i> , L1 (first year) Sciences Naturelles, course and exercises; - <i>Option Mathématiques</i> , L1 (first year) Sciences Naturelles, exercises-only course.	
2014	Modern Mathematics International Summer School for Students, held in Lyon, August 20-29, 2014. Tutor and teaching assistant for the classes: - Tropical geometry and enumeration of curves - Ultraproducts, asymptotics, and model theory	

Supervision

Master thesis

Q. Luong | Imperial College, 2018. Quintin went on to do a PhD in Queen Mary, London

M. Brévard | ENS Rennes and Paris 13, 2020. Maxence went on to do a PhD in Toulouse, under my joint

supervision

W. Akram | Lahore, 2021. Waseem went on attending a Master in Calabria, Italy to further prepare for PhD

in Europe

D. Hussain | Lille, 2023. Daniel is now PhD student in Lille

Other undergraduate projects

M. Tabaro | MSc summer project (Imperial 2018). Matteo later did the PhD in Imperial College W. Lim | MSc summer project (Imperial 2018). Willie later did the PhD in Stony Brook, US

PhD

M. Brévard | 2020-2023, joint with François Berteloot, Toulouse (defended on 4th December 2023)

S. Bazarbaev | 2022-2025, National University of Uzbekistan, Tashkent, joint with Karim Rakhimov

M. Vergamini | 2023-2027, Scuola Normale Superiore, Pisa

Postdoc

K.Rakhimov

2020-2022, with a fellowship funded by my I-SITE grant. After this postdoc, Karim got a position of associate professor in Tashkent National University, the most prestigious university in Uzbekistan.

Participation in Conferences (excluding online events)

2024 | SCV, CR geometry and Dynamics, RIMS Kyoto, November 25-29

First meeting of the PHC Galileo G24-123, Parma, October 23-25

CR Analysis and Complex Dynamics, Leipzig, September 30 - October 1

Complex Analysis and Complex Geometry, Hanoi (Vietnam), August 26-29

On Geometric Complexity of Julia Sets-V, Bedlewo, Poland, July 21-26

Complex Dynamics and complex geometry, Amiens, June 17-21

Parameter spaces in complex dynamics and related topics, Pisa, May 27-31

Index Theory and Complex Geometry Part 2, Singapore, April 29 - May 3

2023 | Geometric and Topological Properties of Random Algebraic Varieties, Cologne, October 4-6

XXI Congresso Unione Matematica Italiana, Pisa, September 4-8

Algebraic Geometry, Arithmetic and Dynamics Part 2, Singapore, August 28 - September 1

Surfaces affines et germes tangents à l'identité, Toulouse, July 10-13

SCV, CR geometry, and Dynamics, Nice, May 30-June 4

Dynamics of Hénon Maps: Real, Complex and Beyond, Banff, Canada, April 10-14

Complex dynamics: connections to other fields, University of Warsaw Conference Centre in Checiny, Poland, March 27-31

First ANR PADAWAN meeting, Orléans, January 5-6

2022 Conference on Complex Analysis, Complex Geometry and Dynamics, in memory of Nessim Sibony,

Orsay, December 5-9

Complex Geometry, Dynamical Systems and Foliation Theory, CIRM Marseille, October 17-21

Complex Geometry and Dynamical Systems, Oberfolfach, Germany, September 4-10

New trends in holomorphic dynamics, Cortona, Italy, August 29-September 2

Simons Symposium *Algebraic, Complex and Arithmetic Dynamics*, Schloss Elmau in Elmau (Krün, Germany), August 22-26

1st Al-Khorezmi International Conference on Modern problems of Mathematics, dedicated to the 75th anniversary of Azimbay Sadullaev, Urgench, Uzbekistan, July 25-28

Final conference ANR FATOU, Orléans, June 13-17

Adventurous Berkeley Complex Dynamics, main conference in the MSRI semester Complex Dynamics: from special families to natural generalizations in one and several variables May 2-6 (MSRI)

2021 On geometric complexity of Julia sets - III, Bedlewo, Poland, September 27-October 1 CIME School Modern dynamics, Cetraro, Italy, August 2-6 2020 Complex dynamics, CIRM Marseille, January 27-31 2019 Bifurcation and stability in complex dynamics, Kyoto, December 9-13 Geometry and dynamics, Singapore, November 20 Rencontre ANR FATOU, Orleans, November 13-15 Dynamics, Equations and Applications, Krakow, September 16-20 XX Congresso Unione Matematica Italiana, Pavia, September 2-7 Complex Analysis and Geometry - XXII, held in Levico, May 31 - June 5 Analytic Low-Dimensional Dynamics: a celebration of Misha Lyubich's 60th birthday, Toronto, May 27-31 Rencontre ANR FATOU, Ecole Polytechnique, May 15-17 Topics in Complex Dynamics 2019, Barcelona, March 25-29 LMS Scheme 3 Network in Holomorphic Dynamics meeting, Nottingham, January 14 2018 Journée de Dynamique Complexe, Nice, December 18 Rencontre ANR FATOU, Dijon, November 14-16 Journées Complexes du Nord, Lille, October 22-23 Complex Analysis and Geometry in Pisa, Pisa, October 5-6 CIME School Complex non-Kahler geometry, Cetraro, July 9-13 New Developments in Complex Analysis and Function Theory, Heraklion, July 2-6 Analysis aspects of dynamics, Imperial College London, 16-18 May Final conference ANR LAMBDA, Toulouse, May 28-June 1 First ANR FATOU meeting, Amiens, April 16-18 Varietà reali e complesse: geometria, topologia e analisi armonica, Pisa, February 1-3 2017 Holomorphic Dynamics, RIMS, Kyoto, December 11-15 Topics in Complex Dynamics 2017, Barcelona, October 2-6 LMS Scheme 3 Network in Holomorphic Dynamics meeting, Imperial College, London, March 22 Aspects of dynamical systems, Imperial College, London, March 16-18 2016 Progressi Recenti in Geometria Reale e Complessa - X, Levico, October 8-11 Workshop Residues and dynamics, Pisa, September 12-13, 2016 Parameter Problems in Analytic Dynamics, London, June 27- July 1 North-American Workshop in Holomorphic Dynamics, Cancun, May 27 - June 4 Komplex Analysis Weeklong School and Workshop (KAWA7), Toulouse-Albi, March 7-12 Workshop on Dynamical systems in logic, complex analysis and ergodic theory, Pisa, February 8-9 2015 Topics in Complex Dynamics 2015, Barcelona, November 23-27 Rencontre ANR LAMBDA, Amiens, September 28-30 Topics in Analysis and Holomorphic Dynamics, Warsaw, September 15-18 Complex Analysis and Geometry - XXII, Levico, May 31 - June 5 Aspects métriques et dynamiques en analyse complexe, Lille, May 18-23 Komplex Analysis Weeklong School and Workshop (KAWA6), Pisa, March 23-29 Postgraduate Conference in Complex Dynamics, London, March 11-13 Rencontre ANR LAMBDA, Toulouse, January 29-30 2014 Progressi Recenti in Geometria Reale e Complessa - IX, in Levico, October 20-23 Rencontre inaugurale ANR LAMBDA, Marne la Vallée, April 14-16 Komplex Analysis Winter School and Workshop (KAWA-Nordan), CIRM, Marseille, March 24-29 2013 Workshop Parabolic renormalization, Pisa, June 3 - June 7 Advanced School and Workshop in Real and Complex Dynamics, Trieste (Italy), May 20-31 Workshop Varietà reali e complesse: geometria, topologia e analisi armonica, Pisa, February 28 - March 3 2012 INdAM Conference New Trends in Holomorphic Dynamics, Cortona (Italy), September 3-7