CURRICULUM VITAE ET STUDIORUM

Filippo Bracci

A. General Information.

Present position:	Full Professor in Geometry, at Università di Roma "Tor Vergata", since 1 January 2007.
8 May 1973:	I was born in Firenze, Italy.
12 July 1996:	I got the degree (laurea) in Mathematics at Università di Firenze, with a first-class honor; advisor: Prof. G. Gentili.
November 1996-October 2000:	PhD student in Mathematics at Università degli Studi di Padova.
20 February 2001:	I obtained a PhD in Mathematics at Università degli Studi di Padova with the dissertation entitled *Fixed points of holomorphic mappings*.
1 November 1999—31 October 2004:	Tenured assistant professor in Geometry at Università di Roma "Tor Vergata".
1 November 2004—31 December 2006:	Associate Professor in Geometry, at Università di Roma "Tor Vergata".

B. Scientific Interests.

- Several Complex Variables
- Holomorphic Dynamics
- Iteration theory
- Commuting mappings
- Semigroups of holomorphic mappings
- Holomorphic Foliations
- Localization of characteristic classes
- Complex Monge-Ampére equations
- Loewner equations
- Gromov's hyperbolicity theory

C. Funds

01/01/2023—31/12/2027	Principal Investigator, Excellence Department Project, *MatMod@TOV* funded by MUR, Ref:E83C23000330006 Euro 8.000.000
15/06/2023—15/06/2025	Principal Investigator, project **PRIN** (2022) *Real and Complex Manifolds: Geometry and holomorphic dynamics* Ref: 2022AP8HZ9 Euro (total) 187.500
01/04/2019—18/07/2023	Principal Investigator, project **PRIN** (2017) *Real and Complex Manifolds: Topology, Geometry and holomorphic dynamics* Ref: 2017JZ2SW5 Euro (total) 613.000
01/11/2016—30/10/2019	local coordinator, project **PRIN** (2015) *Varietà reali e complesse: geometria, topologia e analisi armonica* Ref:2015A35N9B-010 Euro 20.579
01/02/2013—31/01/2016	local coordinator, project **PRIN** (2010-11) *Varietà reali e complesse: geometria, topologia e analisi armonica* Ref:2010NNBZ78002 Euro: 65.603
01/11/2011—31/10/2016	Principal Investigator, project **ERC** "Ideas" Starting Grant (2010) *Holomorphic Evolution Equations (HEVO)* Ref:277691, Euro: 700.000
01/12/2010—01/12/2014	Principal Investigator, project **FIRB** "Futuro in Ricerca" (2008) *Geometria Differenziale Complessa e Dinamica Olomorfa* Ref:RBFR08B2HY Euro: 233.200
22/09/2008—21/09/2010	local coordinator, project **PRIN** (2007) *Azioni di gruppi su varietà CR e complesse, spazi di moduli, teoria geometrica delle funzioni e dinamica olomorfa* Ref:2007BET4BR004 Euro: 36.000

D. Seminars and talks.

November 1997:	*Applicazioni olomorfe che commutano in domini strettamente convessi*, National Meetings *GNSAGA*.
December 1997:	*Mappe olomorfe che commutano e punti fissi*, Dipartimento di Matematica Pura e Applicata, Università di Padova.
May 1998:	*Punti fissi di applicazioni olomorfe che commutano*, Dipartimento di Matematica, Università di Bologna.
June 1998:	*Metriche Invarianti in analisi complessa*, Università di Padova.
November 1998:	*Metriche invarianti e mappe olomorfe che commutano*, Università di Firenze.
March 1999:	*Iteration Theory, commuting holomorphic maps and fixed points*, University of Illinois, Urbana-Champaign, IL, USA.
April 1999:	*Rigidity properties of commuting holomorphic maps*, Purdue University, IN, USA.
December 1999:	*Metamorphoses of Julia's Lemma*, Midwest Several Complex Variables, Ann Arbor, USA.
December 1999:	*Identity Principles for holomorphic map*, Michigan State University, East Lansing, MI, USA.
January 2000:	*Mappe lineari fratte della palla unità*, Università di Roma "Tor Vergata".
May 2000:	*Indici residuali di mappe olomorfe relativi a curve invarianti su superfici*, Università di Firenze.
June 2000:	*Residual indices for holomorphic mappings relative to curves of fixed points*, Complex dynamics and Geometry, INDAM, Cortona.
December 2000:	*Foliazioni olomorfe e foglie invarianti versus mappe olomorfe e curve di punti fissi*, Università di Roma "Tor Vergata".
December 2000:	*Principi di identità per funzioni olomorfe dal disco in sé*, Università di Padova.

March 2001: *Osservazioni su di alcune congetture di C. Cowen sui punti fissi di mappe olomorfe che commutano per composizione*, Dipartimento di Matematica Applicata, S. Marta, Università di Firenze.

November 2001: *Index theorems for holomorphic self-maps and applications to dynamics*, Hokkaido University, Sapporo, Japan.

December 2001: *Localizzazione di classi caratteristiche e dinamica olomorfa*, Università di Padova.

January 2002: *Punti fissi comuni di funzioni olomorfe che commutano*, Università di Ancona.

January 2002: *Dinamica olomorfa discreta e continua per mezzo di teoremi dell'indice*, Università di Roma "Tor Vergata".

March 2002: *Punti fissi repulsivi, successioni inverse di iterate e punti fissi di mappe che commutano*, Università di Firenze.

April 2002: *Index theorems for holomorphic self-maps*, Workshop *Topologie algébrique et singularités*, CIRM, Luminy-Marsiglia, France.

May 2002: *Dynamics of holomorphic mappings via index theorems*, Tuebingen, Germany.

May 2002: *Un teorema di Lefschetz olomorfo per mappe olomorfe con un insieme di punti fissi di codimensione uno*, Università di Parma.

September 2002: *dinamica olomorfa locale*, Meeting, Mondello, Palermo.

November 2002: *Residues for singular pairs and applications to dynamics*, Workshop, Kyoto Japan.

December 2002: *Localizzazione di classi caratteristiche e applicazioni alla dinamica*, Università dell'Aquila.

December 2002: *Teoremi dell'indice e applicazioni*, Scuola Normale Superiore Pisa.

April 2003: *Dinamica Olomorfa e teoremi dell'indice*, Seminar of Mathematical Physics, Università di Roma "Tor Vergata".

April 2003: *Diffeomorfismi, foliazioni olomorfe, classi caratteristiche e dinamica*, Università di Firenze.

June 2003: *Applications of residues' theory to holomorphic dynamics*, Meeting *Complex Analysis and Geometry XVI*, Levico.

June 2003: *Dinamica vicino a punti quasi-parabolici*, Convegno *Dinamica in Italia*, Scuola Normale Superiore, Pisa.

August 2003: *Generalizations of the Camacho-Sad index theorem and applications*, workshop *Complex Analytic Methods in Dynamical Systems*, IMPA, Rio de Janeiro.

September 2003: *Dinamica locale di diffeomorfismi olomorfi in* $\mathbb{C}^2$, Congresso UMI, Milano.

January 2004: *Splittings, comfortably embedded subvarieties and index theorems*, RIMS Symposium on Topological and geometrical methods of complex differential equations, Kyoto (Japan)

January 2004: *Dynamics of holomorphic self-maps of bounded domains*, Hokkaido University, Sapporo, Giappone.

February 2004: *Commuting holomorphic maps*, University of Seville, Spain.

June 2004: *L'equazione di Monge-Ampére con singolaritá al bordo di domini strettamente convessi*, Università di Roma "Tor Vergata".

September 2004: *Monge-Ampére foliations with singularities at the boundary of strongly convex domains*, Congress *CR Geometry and Partial Differential Equations*, Levico.

October 2004: *Iteration theory in bounded domains of* $\mathbb{C}^n$, Trinity College Dublin, Ireland.

January 2005: *Teoria dell'intersezione, residui di Grothendieck e dinamica olomorfa*, Università di Roma "La Sapienza".

March 2006: *Iteration theory from a pluripotential view* Coloquios Instituto de Matemáticas de la Universidad de Sevilla Antonio de Castro Brzezicki, Siviglia.

April 2006: *Pluripotential theory in strongly convex domains from a boundary point of view* University of Ljubljana (Slovenia).

April 2006: *Semigruppi di mappe olomorfe e teoria del pluripotenziale*, Università di Roma "Tor Vergata".

June 2006: *What is the Poisson kernel in several complex variables?*, Congress *Symposium in Complex Analysis, Slovenia 2006*, Kranjska Gora (Slovenia).

September 2006: *Poisson kernel, Monge-Ampére equations and reproducing formulas for pluriharmonic functions*, Congress *CR Geometry and Partial Differential Equations II*, Levico.

December 2006: *Localization of characteristic classes on singular varieties and dynamics of holomorphic diffeomorphisms*, Congress *Geometry and Analysis on Complex Algebraic Varieties*, RIMS Kyoto University, Japan.

May 2007: *Il nucleo di Poisson in piú variabili e applicazioni alla teoria dei semigruppi.* Università di Bologna.

October 2007: *Teoria del pluripotenziale e semigruppi di mappe olomorfe.* Universitá di Cosenza.

December 2007: *Nucleo di Poisson pluricomplesso e applicazioni.* Università di Parma.

February 2008: *Pluripotential theory and applications to semigroups*, Congress *Second Winter School in Complex Analysis and Operator Theory*, Seville, Spain.

February 2008: *Foliations, Distributions and Vanishing Theorems for Atiyah and Chern Classes*, Congress *Global and Local Aspects of Holomorphic Foliations (conference in honor of the 60th birthday of A. Lins Neto*, Angra dos Reis, Rio de Janeiro, Brasil.

February 2008: *Famiglie di evoluzione su varietá iperboliche*, Centro de Giorgi, Pisa.

May 2008: *Loewner equations on hyperbolic manifolds.* Workshop *Open problems in complex analysis and dynamical systems.* ORT Braude College, Karmiel, Israel.

May 2008: *Pluripotential theory and semigroups of holomorphic mappings.* Technion, Haifa, Israel.

May 2008: *Pluripotential methods in semigroups' theory.* Bar-Ilan University, Israel.

May 2008: *Residues for non-isolated fixed points of holomorphic mappings.* Weizmann Institute, Rehovot, Israel.

November 2008: *Metamorphosis of the Poisson kernel.* University of Cork, Irlanda.

March 2009: *Equazioni di Loewner.* Universitá di Parma.

April 2009: *Le equazioni di Loewner su varietá complesse.* Universitá di Milano Bicocca.

April 2009: *Localizzazioni di classi caratteristiche.* Universitá di Pavia.

May 2009: *Evolution Families and the Loewner equation.* Congress *Complex Analysis and Dynamical systems IV*, Nahariya, Israel.

June 2009: *Loewner equations on manifolds.* Congress *Modern Complex Analysis and Operator Theory and Applications, IV*, Madrid, Spain.

September 2009: *Pluripotential theory and applications to semigroups and Loewner chains*, University Babes-Bolyai Cluj, Romania.

October 2009: *One resonant biholomorphisms and applications to quasi-parabolic germs*, Workshop *Asymptotics in dynamics, geometry and PDE's; generalized Borel summation*, Centro de Giorgi, Pisa.

November 2009: *Loewner's theory on complex manifolds*, Trinity College Dublin, Ireland.

April 2010: *Loewner's theory*, University of Tokyo, Japan.

June 2010: *Loewner's theory in the abstract* and *Parabolic Attitude*, Workshop *New Trends in Harmonic and Complex Analysis.* Jacobs University, Bremen, Germany.

October 2010: *Abstract Loewner theory* Meeting *Geómétrie des variétés complexes IV* CIRM Marseille, France.

May 2011: *Dinamica Parabolica* Congress *Geometria in Bicocca 2011* Milano Bicocca.

September 2011: *Dynamics of the Loewner equations* Congress *GFTA 2011* Cluj, Romania.

September 2011: *Evoluzione Olomorfa* (plenary conference) Congress *UMI* Bologna.

October 2011: *What is a Loewner chain?* Mittag-Leffler Institute, Sweden.

January 2012: *Resonant dynamics of holomorphic germs of diffeomorphisms in higher dimension* Facultad de Matematica, University of Seville, Spain.

February 2012: *Comportamento al bordo di semigruppi di mappe olomorfe del disco in sé.* Politecnico di Milano.

May 2012: *Semigruppi e teoria di Loewener.* Università di Roma "La Sapienza".

July 2012: *Parabolic basins of attraction of resonant germs.* BIRS, Banff, Canada.

July 2012: *Loewner theory on complete hyperbolic manifolds.* The 9th Korean Conference on Several Complex Variables, GyeongJu, Korea.

September 2012: *Solving the Loewner PDE in higher dimensions* SCV Congress, Ljubljana, Slovenia.

March 2013: *The range of holomorphic mappings close to boundary points* Oslo University, Norway.

April 2013: *Loewner theory in one and several variables*, Colloquium talk, Shanghai Jiao Tong University, China.

April 2013: *The open mapping theorem at the boundary*, Shanghai Jiao Tong University, China.

May 2013: *Un teorema di mappa aperta al bordo.* Università di Firenze.

May 2013: *The Julia-Wolff-Carathéodory theorem(s) for mappings and infinitesimal generators*, Congress CADS VI, Nahariya, Israel.

June 2013: *Deterministic Loewner theory in one and several dimensions* 10th Advanced Course in Operator Theory and Complex Analysis, Sevilla, June 9th -13th, 2013.

August 2013: *Solutions to the Loewner PDE in higher dimension and embedding problems*, University of Toronto, Canada.

September 2013: *Teorema di mappa aperta al bordo in più variabili*, Università di Pisa.

October 2013: *Metamorphosis of Evolution Equations*, Würzburger Mathematische Kolloquium, Universität Würzburg, Germany.

December 2013: *The open mapping theorem at the boundary in higher dimension*, Universität Wuppertal, Germany.

February 2014: *Support points for the class S^0 in higher dimension*, Karmiel College, Israel.

April 2014: *The open mapping theorem at the boundary*, Grenoble, France.

May 2014: *Modeling Holomorphic iteration*, Several Complex Variables Symposium, Sanya, China.

July 2014: *Open problems in Loewner theory in higher dimension*, Special Session "Complex analysis and operator theory" in First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI, Bilbao, Spain.

May 2015: *Models for holomorphic self-maps and applications to commuting maps of the ball*, Technion-Israel Institute of Technology, Haifa, Israel.

May 2015: *Univalent Mappings in higher dimension.* Congress CADS VII, Nahariya, Israel.

June 2015: *Univalent mappings, horosphere boundary and prime end theory in higher dimension.* The eighth congress of Romanian mathematicians, Iasi, Romania.

November 2015: *Univalent mappings in higher dimension.* University of Ljubljana, Slovenia.

January 2016: *Carathéodory's prime end theory via intrinsic metric and generalization.* University of Würzburg, Germany.

February 2016: *A Carathéodory prime ends theory via intrinsic metric.* University of Wuppertal, Germany.

June 2016: *Horospheres and extension of univalent maps in higher dimension* at the 13th Advanced Courses in Operator Theory and Complex Analysis, Lyon, France.

November 2016: *Horospheres topology* Center for Advanced Study, Oslo, Norway.

March 2017: *Una dimostrazione (e miglioramento) della congettura di Muir-Suffridge sulle mappe convesse* Università di Firenze, Italy.

May 2017: *Convex maps in higher dimension* Complex and Harmonic Analysis III, Holon Institute of Technology, Holon, Israel.

January 2018: *Extension of univalent maps in higher dimensions* IRMA, Strasbourg, France.

April 2018: *Fantastic Fatou sets and where to find them* Ljubljana, Slovenia.

May 2018: *Non-tangential convergence (and applications to holomorphic dynamics)* Università di Pisa.

May 2018: *Strange Fatou components* NORDAN, Stavanger, Norway.

June 2018: *Strange Fatou components* CIRM Conference "Cohomology of Complex Manifolds and Special Structures", Levico Terme, Italy.

July 2018: *Continuous extension of biholomorphisms in higher dimension*, Pacific Rim conference on CSG at Hayama, Japan.

July 2018: *Strange Fatou components and Runge embedding of* $\mathbb{C} \times \mathbb{C}^*$ *into* $\mathbb{C}^2$, University of Tokyo, Japan.

September 2018: *Gromov topology and extension of biholomorphisms*, Conference "Holomorphic Elliptic Geometry and Group Actions", Bern (Switzerland).

September 2018: *Is it converging non-tangentially?*, Conference on the Occasion of Professor Franc Forstnerič's 60th Birthday "Stein Manifolds and Holomorphic Mappings", Ljubljana (Slovenia).

March 2019 *Strange Fatou components and where to find them*, Workshop "Dynamical Systems and Beyond", Pisa.

May 2019 *Hyperbolic geometry in simply connected domains*, Mini-course 4 hours, Fifth School in Complex Analysis and Operator Theory (Cullera, Spain)

September 2019 *The slope of orbits of semigroups of holomorphic self-maps of the unit disc*, Workshop "(new trends in) Complex and Fourier analysis, and Operator Theory", INdAM Roma.

October 2019 *The slope of orbits of semigroups of holomorphic self-maps of the unit disc*, University of Würzburg (Germany).

November 2019 *Semigroups of holomorphic self-maps of the unit disc: from dynamics to hyperbolic geometry*, Colloquium, University of Bern (Switzerland).

December 2019 *Special lecture in Pluripotential Theory*, ICTP, Trieste.

January 2020 *Estensioni al bordo di biolomorfismi in piú variabili* Colloquium, Università di Parma.

January 2020 *Parabolic Fatou components* Workshop "Complex Dynamics", 27-31 January 2020 CIRM, Luminy.

February 2020 *boundary infinitesimal rigidity of holomorphic maps* Jagiellonian University, Krakow, Poland

February 2020 *The slope of orbits of semigroups of holomorphic self-maps of the unit disc* Colloquium, University of Lublin, Poland

May 2020 *A new Schwarz-Pick Lemma at the boundary and Burns-Krantz type infinitesimal rigidity of holomorphic maps*, Virtual Conference on Complex Analysis and Complex Geometry, online.

November 2020 *The pluricomplex Poisson kernel in strongly pseudoconvex domains* e-scv (online)

December 2020 *Gromov hyperbolicity in complex Analysis.* University of Singapore (online)

January 2021 *Gromov meets Kobayashi: a journey through applications of Gromov hyperbolicity in complex analysis.* Weizmann Institute Israel (online)

December 2021 *Continuous extensions of biholomorphisms in higher dimension.* Workshop "Geometric function theory in several complex variables and complex Banach spaces" Cluj-Napoca, Romania (online)

January 2022 *Rigidity properties for holomorphic mappings.* The Conference on Complex Geometric Analysis in honor of Kang-Tae Kim's 65th birthday, POSTECH, Korea (online)

June 2022 *Abstract Boundaries and Applications.* Complex Analysis, Geometry and Dynamics, Portoroz, Slovenia

September 2022 *Commuting Holomorphic Maps and Applications.* Indam Meeting "New Trends in Holomorphic Dynamics', Cortona, Italia

September 2022 *The (pluri)complex Poisson kernel.* Workshop INdAM: (New trends in) Complex and Fourier Analysis and Operator Theory, Roma, Italia

September 2022 *Abstract Boundaries and Applications.* VIII International Conference of Mathematics and Computer Science "Congressio-Mathematica", Olsztyn (Poland)

January 2023 *Abstract Boundaries and extension of biholomorphisms.* Cohomology of Complex Manifolds and Special Structures - III, Trento, Italia

February 2023 *Gromov hyperbolicity theory in complex analysis and semigroup-fication of univalent self-maps of the unit disc.* ICMAT, Madrid, Spain.

July 2023 *Visibility and geodesic loops in Kobayashi complete hyperbolic and Gromov hyperbolic domains.* Workshop "Invariant Distances and Metrics in Complex Analysis", Sofia, Bulgaria.

November 2023 *Rigidity properties for holomorphic maps.* Universidad Complutense de Madrid, Spain.

December 2023 *Completeness of frequencies for semigroups of composition operators.* Workshop "Holomorphic Flows vs. Semigroup (Operator) Theory", ICMAT, Madrid, Spain.

May 2024 *The Denjoy-Wolff theorem in simply connected domains.* Workshop "Parameter spaces in complex dynamics and related topics", Centro di ricerca Matematica E. de Giorgi, SNS Pisa.

June 2024 *Completeness of frequencies for semigroups of holomorphic self-maps of the unit disc.* Conference ACOTCA 2024, 18th edition, University of La Laguna, Tenerife, Spagna.

October 2024 *Invariant subspaces for finite index shifts and the invariant subspace problem in Hilbert spaces* . Workshop "Geometric Methods of Complex Analysis", Wuppertal, Germany.

November 2024 *The Beurling theorem for finite index shifts and the invariant subspace problem.* Universidad Complutense Madrid, Spain.

November 2024 *The Beurling theorem for finite index shifts and the invariant subspace problem.* Universit Federico II, Napoli.

November 2024 *The Beurling theorem for finite index shifts on the Hardy space.* Workshop "Geometric Function Theory in Several Complex Variables and Complex Banach Spaces IV", online.

March 2025 *The Beurling theorem for finite index shifts and the invariant subspace problem.* Colloquium, Universidad de Granada, Spain.

May 2025 *On the failure of the Denjoy-Wolff theorem in convex domains.* Workshop "Invariant metrics in complex analysis" Banach Center, Bedlewo, Poland.

June 2025 *The Beurling theorem for finite index shifts and the invariant subspace problem.* Colloquium, Universidad de Granada, Spain.

May 2025 *On the failure of the Denjoy-Wolff theorem in convex domains.* Workshop "Invariant metrics in complex analysis" Banach Center, Bedlewo, Poland.

June 2025 *The Beurling theorem for finite index shifts and the invariant subspace problem.* INdAM Workshop "Old and New Trends in Mathematical Collaboration between Brazil and Italy", Rome.

E. Students:

Master thesis:

[1] Francesco degli Innocenti, Università di Firenze, April 2003.
[2] Luca Belli: Università di Roma "La Sapienza", July 2008.
[3] Marcello Colesante: Università di Roma "Tor Vergata", May 2012.
[4] Andrea del Monaco: Università di Roma "Tor Vergata", July 2012.
[5] Riccardo Ugolini: Università di Roma "Tor Vergata", July 2015.
[6] Josias Reppekus: Würzbug University, July 2017.
[7] Matteo Fiacchi: Università di Roma "Tor Vergata", July 2017.
[8] Damiano D'Addezio: Università di Roma "Tor Vergata", July 2019.

PhD Thesis:

[1] Francesco degli Innocenti, Università di Pisa, November 2007.
[2] Carlo Perrone, Università di Roma "Tor Vergata", March 2008.
[3] Leandro Arosio, Università di Roma "La Sapienza", January 2011.
[4] Luca Belli, Università di Roma "Tor Vergata", July 2013.
[5] Andrea del Monaco: Università di Roma "Tor Vergata", April 2017.
[6] Paolo Arcangeli: Università di Roma "La Sapienza", April 2017.
[7] Josias Reppekus: Università di Roma "Tor Vergata", November 2020.
[8] Matteo Fiacchi: Università di Roma "Tor Vergata", November 2020.
[9] Davide Cordella: Università di Roma "Tor Vergata", December 2021.

F. Other activities.

Editorial Board Member:

Since January 2014: *Complex Manifolds*, ed. Versita (De Gruyter).
Since May 2014: *Computational Methods and Function Theory*, ed. Springer-Verlag.
Since June 2014: *Complex Analysis and Operator Theory*, ed. Springer-Verlag.
Since November 2020: *Bulletin des Sciences Mathématiques*. ed. Elsevier.
Since February 2022: *Annali dell'Università di Ferrara - Sezione VII Scienze Matematiche*. ed Springer-Verlag
February 2017-January 2025: *Proceedings of the American Mathematical Society*. ed. AMS Soc.

Organization of Conferences and Workshops:

Since September 2001: I'm the organizer of the permanent seminar of Complex Analysis at Università di Roma "Tor Vergata".
December 2004: organizer of the workshop "Una giornata di Analisi Complessa" at Università di Firenze.
July 2005: organizer with G. Zampieri of the "Summer School on Real PDE's for Complex and CR-Geometry", at Istituto Trentino di Cultura in Povo (Trento).
January 2007: organizer with M. Abate, C. Camacho, F. Tovena of the international workshop "Local Holomorphic Dynamics" at Centro de Giorgi, Pisa.
June 2007: organizer with V. Ancona, C. Arezzo and A. Silva of the Congress CIRM *Complex Analysis and Geometry XVIII* at Levico, Trento.

September 2008: organizer with M. D. Contreras, S. Diaz-Madrigal, F. Perez-Gonzalez of the Workshop INDAM *Holomorphic Iteration, Semigroups, and Loewner Chains.* Roma.

June 2009: organizer with V. Ancona, C. Arezzo and A. Silva of the Congress CIRM *Complex Analysis and Geometry XIX* Levico, Trento.

June 2011: organizer with V. Ancona, C. Arezzo and A. Silva of the Congress CIRM *Complex Analysis and Geometry XX* Levico, Trento.

July 2011: Organizer with J.-E. Fornaess of the CIME School on *Pluripotential theory.*

February 2013: Organizer with E. Musso and F. Ricci of the workshop *varietà reali e complesse: geometria, topologia e analisi armonica* Pisa, Scuola Normale Superiore.

June 2013: organizer with V. Ancona, C. Arezzo and A. Silva of the Congress CIRM *Complex Analysis and Geometry XXI* Levico, Trento.

November 2013: organizer with H. Peters of the Workshop *The complex structure of attracting sets*, Lorentz Center, Leiden, the Netherlands.

February 2014: organizer with E. Musso e F. Ricci del workshop *varietà reali e complesse: geometria, topologia e analisi armonica* Pisa, Scuola Normale Superiore.

July 2014: Organizer with N. Arcozzi, M. D. Contreras, D. Girella of the Special Session "Complex Analysis and Operator Theory" within the First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI, Bilbao, Spain.

August 2014: Organizer with J. Byun, H. Gaussier, K. Hirachi, K.-T. Kim, N. Shcherbina of "The KSCV10 Symposium" Gyeong-Ju, Korea.

October 2014: Organizer with C. Arezzo, P. de Bartolomeis, A. Silva of the Meeting "Progressi Recenti in Geometria Reale e Complessa - IX" - Levico.

June 2015: organizer with V. Ancona, C. Arezzo and A. Silva of the Congress CIRM *Complex Analysis and Geometry XXII* Levico, Trento.

September 2015: organizer with C. Arezzo, J.-E. Fornæss, F. Forstnerič, X. Zhou of the *School and Workshop on Complex Analysis, Geometry and Dynamics*, ICTP, Trieste, Italy.

September 2016: organizer with I. Graham, G. Kohr, O. Roth, D. Shoikhet of the Workshop "INDAM meeting: Geometric Function Theory in Higher Dimension" in Cortona (Italy).

September 2016: organizer with N. Arcozzi, G. Gentili, A. Perotti, C. Stoppato, D. Struppa, of the INDAM Workshop "Complex function theory, its generalizations and applications", Roma.

October 2016: Organizer with C. Arezzo, P. de Bartolomeis, of the Meeting "Progressi Recenti in Geometria Reale e Complessa - X" - Levico, Trento.

February 2017: organizer with E. Musso, F. Ricci of the workshop *varietà reali e complesse: geometria, topologia e analisi armonica* Pisa, Scuola Normale Superiore.

May 2017: organizer with V. Milman, G. Patrizio, L. Ambrosio, G. Gentili, S. Reich, J. Rubinstein, D. Shoikhet, L. Zalcman of the *First Joint IMU-INDAM Conference in Analysis*, Tel Aviv, Israel.

June 2017: organizer with C. Arezzo of the Congress CIRM *Complex Analysis and Geometry XXIII* Levico, Trento.

September 2018: Organizer with C. Arezzo of the Meeting "Progressi Recenti in Geometria Reale e Complessa - XI" - Levico, Trento.

February 2019: Organizer with A. Celletti, C. Liverani A. Sorrentino of the Conference "Dynamical Systems: from geometry to mechanics" Rome.

June 2019: organizer with C. Arezzo of the Congress CIRM *Complex Analysis and Geometry XXIV* Levico, Trento.

September 2019: organizer with A. Gibali, A. Golberg, S. Reich, K. Rubinstein, D. Shoikhet, G. Gentili, G. Patrizio, G. Moscariello of the *Second Joint IMU-INDAM Conference in Analysis*, Napoli.

May 2020-May 2022: organizer with N. Arcozzi and M. Peloso of the *Complex Analysis Seminar Online*, Online seminar.

June 2021: organizer with C. Arezzo and A. Tomassini of the Congress "ICTP-CIRM: Complex Analysis and Geometry XXV" - Levico, Trento and online.

June 2021: organizer with G. Gentili, E. Musso, C. Petronio and F. Ricci of the Congress "Real and Complex Manifolds. The heritage of Edoardo Vesentini" - Scuola Normale Superiore Pisa and online.

September 2021: organizer with H. Gaussier and A. Zimmer of the INdAM Workshop "Gromov hyperbolicity and negative curvature in complex analysis" Palazzone Cortona 6-10 September 2021.

September 2022: organizer with C. Arezzo of the Congress "Complex Analysis and Geometry XXVI" - Levico, Trento.

June 2023: organizer with D. Angella, A. M. Fino, P. Lisca, E. Musso, B. Nelli, A. Tomassini of the Workshop *Real and Complex Manifolds: Topology, Geometry and Holomorphic Dynamics*, Roma Tor Vergata.

December 2023: organizer with E.F. Wold, L. Vivas, J. Raissy, of the Workshop *Recent developments on the dibar equation, complex dynamics and holomorphic mappings*, Oslo, Norway.

September 2024: organizer with L. Arosio, M. Fiacchi, of the Workshop *Invariant metrics in complex analysis*, Roma.

September 2024: organizer with C. Arezzo and A. Tomassini of the Workshop *Progressi Recenti in Geometria Reale e Complessa - XII*, Levico, Trento.

Maggio 2025: organizer with D. Marinucci, A. Porretta, C. Manni of the Workshop *Mathematical Perspectives in Scientific Modeling*, Roma.

Luglio 2025: organizer with N. Arcozzi, C. Bisi, J. McCarthy, M. Peloso, S. Richter of the Congress *Hilbert function spaces 2025*, Roma.

Settembre 2025: organizer with C. Arezzo of the Workshop *Complex Analysis and Geometry XXVI*, Levico, Trento.

Others:

Since October 1999: reviewer for *American Mathematical Society*.

Since October 2004: member of the PhD School in Mathematics of Università di Roma "Tor Vergata".

Since January 2005: reviewer for *Zentralblatt MATH*.

November 2007-April 2013: Head of the PhD School in Mathematics of the Università di Roma "Tor Vergata".

November 2010-November 2012: Deputy Director of the Mathematics Department of Università di Roma "Tor Vergata".

May 2013-October 2016: Deputy director of the PhD School in Mathematics of the Università di Roma "Tor Vergata".

October 2013-February 2014: "Giovanni Prodi" chair in Nonlinear Analysis, Universität Würzburg, Germany.

January 2014-December 2019: Member of the Scientific Committee of C.I.M.E.

November 2018-October 2024: Director of the Mathematics Department of Università di Roma "Tor Vergata".

November 2018-March 2021:	member of the national committee for scientific habilitation as associate and full professors (Algebra and Geometry).
January 2020-October 2023:	Member of the Scientific Committee of INdAM.
November 2021-October 2022:	Deputy rector for didactics, University of Rome "Tor Vergata".
January 2023-December 2023:	"Profesore distinguido" ICMAT, Madrid.
Since November 2023:	member of the Administrative Board of INdAM.
Since January 2024:	Vice-President INdAM.

LIST OF PUBLICATIONS

Filippo Bracci

Books

[A] F. Bracci, M. D. Contreras, S. Díaz-Madrigal, *Continuous Semigroups of Holomorphic Self-maps of the Unit Disc*. Springer Monographs in Mathematics, 566 pp., 2020.

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[95] A. M. Benini, F. Bracci, *The Denjoy-Wolff Theorem in simply connected domains*, Trans. Amer. Math. Soc., to appear

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[a] F. Bracci, *Fixed points of holomorphic mappings*, Tesi di Dottorato, Università di Padova. An extract is published on Boll. UMI Serie VIII, Vol. IV-A, (2001), 407-410.

[b] F. Bracci, R. Tauraso, *Una introduzione agli operatori di composizione* (An introduction to composition operators, in Italian). Notes of the PhD course at Roma "Tor Vergata".

[c] F. Bracci, *Localization of characteristic classes and applications*. Notes of the PhD course given by Prof. Suwa at Università di Roma "Tor Vergata".

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Editorial work

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