

CURRICULUM VITÆ

DANIELE ANGELLA

PERSONAL INFORMATION

Name and surname. Daniele Angella

Date and place of birth. -omissis-

Citizenship. Italian

PRESENT POSITION

September 01, 2022 - today: Full Professor in Geometry
at Dipartimento di Matematica e Informatica “Ulisse Dini”, Università di Firenze

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PAST POSITIONS

- *November 01, 2017 - August 31, 2022:* Associate Professor in Geometry at Dipartimento di Matematica e Informatica “Ulisse Dini”, Università di Firenze.
- *September 23, 2015 - October 31, 2017:* Research fellow (Ricercatore a tempo determinato tipo a)) at Dipartimento di Matematica e Informatica “Ulisse Dini”, Università di Firenze.
- *December 01, 2014 - September 22, 2015:* Junior Visiting fellow at Centro di Ricerca Matematica “Ennio de Giorgi”, Pisa.
- *December 01, 2013 - November 30, 2014:* Research fellow by Istituto Nazionale di Alta Matematica, at Dipartimento di Matematica e Informatica, Università di Parma.
- *September 01, 2013 - November 30, 2013:* Grant for abroad research activity by Istituto Nazionale di Alta Matematica, at Departamento de Matemáticas, Universidad de Zaragoza.
- *January 01, 2010 - January 21, 2013:* PhD student in Mathematics, at Dipartimento di Matematica, Università di Pisa.

EDUCATION

- *January 21, 2013:* PhD in Mathematics, at Dipartimento di Matematica, Università di Pisa; thesis on “Cohomological aspects of non-Kähler manifolds”, advisor prof. Adriano Tomassini.
- *July 14, 2009:* Master degree in Pure and Applied Mathematics, Università degli Studi di Parma.
- *September 21, 2007:* Bachelor degree in Mathematics, Università degli Studi di Parma.
- *2004:* High school diploma, Liceo Scientifico a indirizzo PNI “Leonardo da Vinci” (high school focused mainly on scientific subjects and computer science), Villafranca in Lunigiana.

Date: February 22, 2023.

AWARDS AND GRANTS

- *2019*: Associated Investigator (Responsabile di unità locale) of the Research Unit at Università di Firenze of Grant PRIN 2017 “Real and Complex Manifolds: Topology, Geometry and holomorphic dynamics”.
(three years: August 19, 2019-August 19, 2023; PI: Filippo Bracci; total budget: 635 890 euros)
- *2017*: Abilitazione Scientifica Nazionale for Professore Ordinario in Geometria e Algebra, 01/A2 - I Fascia.
(July 31, 2017-July 31, 2023, extended to July 31, 2026)
- *2015*: Principal Investigator of Grant SIR 2014 “AnHyC - Analytic aspects in complex and hypercomplex geometry”.
(three years: September 23, 2015-March 23, 2020; budget: 597 688 euros)
- *2015*: Principal Investigator of Grant GR14 SNS “Geometry of non-Kähler manifolds”.
(one year: January 07, 2015-September 22, 2015; budget: 7 000 euros)
- *2014*: Abilitazione Scientifica Nazionale for Professore Associato in Geometria e Algebra, 01/A2 - II Fascia.
(December 30, 2014-December 30, 2020)
- *2014*: Qualification Maître de conférences, section 25-Mathématiques.
(February 05, 2014-December 31, 2018)
- *2013*: “Michele Cuzzo” Prize 2013 for PhD thesis, Università di Roma Tor Vergata.

PROJECTS’ MEMBERSHIP

- *2020-today*: Member of UMI Group “Matematica per l’Intelligenza Artificiale e il Machine Learning” (Mathematics for Artificial Intelligence and Machine Learning).
- *2020-2021*: Participant of project CNRS IEA International Emerging Actions “Pluripotential Theory on compact Hermitian manifolds” (PI: Vincent Guedj).
- *2019-2022*: Associated investigator of research program PRIN 2017 “Real and Complex Manifolds: Topology, Geometry and holomorphic dynamics” (2017JZ2SW5), three years.
- *2015-2018*: Principal investigator of research program SIR 2014 “AnHyC - Analytic aspects in complex and hypercomplex geometry” (RBSI14DYEB), three years.
- *2015*: Principal investigator of Progetti di ricerca per giovani ricercatori Scuola Normale Superiore “Geometry of non-Kähler manifolds” (GR14_A_ANGELLA), one-year.
- *2012-2015*: Participant of research program PRIN 2010/2011 “Varietà reali e complesse: geometria, topologia e analisi armonica”, 36 months.
- *2012-2016*: Participant of research program FIRB 2012 “Geometria Differenziale e Teoria Geometrica delle Funzioni”, 48 months.
- *2010-today*: Member of group GNSAGA of INdAM.

TEACHING EXPERIENCES

- *2023*: PhD course on Geometry and Topology of Kähler Manifolds, Dottorato in Matematica, Università di Firenze. (jointly with Francesco Pediconi, Giovanni Placini)
- *2022/2023-today*: Second-year course on Geometria 2 (“Topology”) for the Bachelor Degree in Mathematics (Laurea Triennale in Matematica), Università di Firenze.
- *2022*: PhD course on Einstein equations in Riemannian and Kähler Geometry, Dottorato in Matematica, Università di Firenze. (jointly with Francesco Pediconi)
- *2022*: Master course on “Linear Algebra with applications to Machine Learning” for the ICTP-CUI International Master of Science in Mathematics, Lahore, Pakistan. (jointly with Diletta Martinelli, Maurizio Parton, Francesco Pediconi, Giovanni Placini)
- *2021*: PhD course on Differential Geometry, International Doctorate in Civil and Environmental Engineering, Università di Pisa and Università di Firenze. (jointly with Maurizio Parton and Alberto Raffero)
- *2020*: Master course on “Complex Analysis” for the ICTP-CUI International Master of Science in Mathematics, Lahore, Pakistan. (jointly with Francesco Pediconi)

- *2018/2019-2021/2022*: Master course on Metodi Geometrici (“Complex Geometry”) for the Master Degree in Mathematics (Laurea Magistrale in Matematica), Università di Firenze.
- *2018/2019*: Master course on Variabile Complessa (“Complex Analysis”) for the Master Degree in Mathematics (Laurea Magistrale in Matematica), Università di Firenze.
- *2017/2018-2018/2019*: Master course on Istituzioni di Geometria Superiore (“Differential Geometry”) for the Master Degree in Mathematics (Laurea Magistrale in Matematica), Università di Firenze
- *2016/2017-today*: First-year course on Geometria Modulo cognomi O-Z (“Linear algebra and Geometry”), for the Bachelor Degree in Mechanical Engineering (Laurea Triennale in Ingegneria Meccanica), Università di Firenze.
- *2016/2017-2017/2018*: First-year course on Istituzioni di Matematiche Modulo cognomi N-Z (“Mathematics”), for the Degree in Architecture (Laurea Magistrale ciclo unico in Architettura), Università di Firenze.
- *2017*: Teacher of PhD course on “Topics in Complex Geometry”, Dottorato in Matematica, Università di Firenze. (jointly with Simone Calamai)
- *2015/2016*: Collaborator for PhD course on "Complex Monge-Ampère equations on compact Kähler manifolds" by Chinh H. Lu, Dottorato in Matematica, Università di Firenze.
- *2015/2016*: First-year course on Geometria e Algebra Lineare (“Linear Algebra and Geometry”), for the Bachelor Degree in Electrical engineering (Laurea Triennale in Ingegneria Elettronica e delle Telecomunicazioni), Università di Firenze.
- Exercises and solutions for the book: Carlo Alabiso, Ittay Weiss, A Primer on Hilbert Space Theory, Springer, 2015.
- *2013-2014*: Advanced course in Mathematics for high school students at Liceo Classico "Giacomo Leopardi" in Aulla.
- *January 17-February 10, 2013*: High school teacher of Mathematics and Physics at Liceo Classico "Giacomo Leopardi" in Aulla.
- *2012*: Tutor for the Geometry and Linear Algebra course of prof. Carlo Petronio, Bachelor degree in Civil, Environmental, and Construction Engineering, Università di Pisa.
- *2012-2013*: Advanced course in Mathematics for high school students at Liceo Scientifico "Leonardo Da Vinci" in Villafranca in Lunigiana.

STUDENTS

- *expected May 2023*: Giuseppe Barbaro is writing her/his PhD Thesis under my advice.
- *expected June/September 2023*: Three students are writing a Master Thesis under my advice.
- *2022*: Lapo Rubini, Master thesis in Mathematics on "Cohomologia di varietà Calabi-Yau ad intersezione completa tramite tecniche di machine learning" ("Cohomology of complete intersection Calabi-Yau manifolds with machine learning") at Università di Firenze, defended on 07/12/2022 (co-supervisors: Prof. M. Parton).
- *2021*: Marco Miceli, Bachelor thesis in Mathematics on "Azioni di gruppi di Lie e spazi omogenei" ("Lie group actions and homogeneous spaces") at Università di Firenze, defended on 21/10/2021.
- *2021*: Muhammad Fiaz, Master thesis in Mathematics on "Analytical Continuation and Natural Domains of Holomorphic Functions of One Variable" at IMM programme, COMSATS University Islamabad (CU), Lahore Campus, defended on 02/07/2021 (supervisor: Dr. Muhammad Aqeel Ahmad Khan; co-supervisors: Dr. Daniele Angella, Dr. Francesco Pediconi).
- *2021*: Elia Fusi, Master thesis in Mathematics on "Il problema di curvatura scalare di Chern prescritta" ("The prescribed Chern-scalar curvature problem") at Università di Firenze, defended on 29/04/2021.

- *2020*: Niccolò Bonechi, Master thesis in Mathematics on "Geometria Localmente Conforme a Kähler e Flussi Geometrici" ("Locally Conformally Kähler Geometry and Geometric Flows") at Università di Firenze, defended on 15/07/2020.
- *2019*: Cosimo Flavi, Master thesis in Mathematics on "Struttura algebrica di complessi di forme differenziali su varietà olomorfe" ("Algebraic structure of complexes of differential forms on complex manifolds") at Università di Firenze, defended on 17/07/2019.
- *2018*: Tommaso Sferruzza, Master thesis in Mathematics on "Formalità su varietà complesse e Hermitiane e flusso di Chern-Ricci" ("Formality on complex and Hermitian manifolds and Chern-Ricci flow") at Università di Firenze, defended on 12/12/2018.

POSTDOCS

- *2022-2023*: Giovanni Placini (at Università di Firenze, from April 01, 2022 to February 28, 2023).
- *2020-2022*: Francesco Pediconi (at Università di Firenze, from April 01, 2020 to March 30, 2022).
- *2018-2019*: Luigi Lombardi (at Università di Firenze, from July 01, 2018 to February 28, 2019).
- *2018-2019*: Nicoletta Tardini (at Università di Firenze, from July 01, 2018 to June 30, 2019).

ORGANIZATIONAL EXPERIENCES

- *2023*: Co-organizer, jointly with Chiara de Fabritiis, della sezione "S18 - Geometria Complessa" al XXII Congresso dell'Unione Matematica Italiana.
- *2022*: Co-organizer, jointly with Gianluca Amato, Luigi Ippoliti, Francesco Morandin, Claudia Ceci, Maurizio Parton, Rita Fioresi, Francesca Scozzari, of the School "Geometric Deep Learning", Pescara.
- *2022*: Co-organizer, jointly with Luigi Vezzoni and Michela Zedda, of the conference "Informal Geometry Workshop in Paradiso 2022", Cogne.
- *2022*: Co-organizer, jointly with Costantino Medori, Adriano Tomassini, Michela Zedda, of the conference "Recent advances in Complex and Symplectic Geometry", Parma.
- *2021*: Co-organizer, jointly with Nicoletta Tardini and Vincent Guedj, of the Workshop "PLUTOCHÉ2: Balanced metrics and Monge-Ampère masses", Parma.
- *2020-today*: Co-organizer of Seminari PRIN 2017 "Real and Complex Manifolds: Topology, Geometry and Holomorphic Dynamics".
- *2020*: Co-organizer, jointly with Joana Cirici, Jean-Pierre Demailly, Scott Wilson, for the Mathematisches Forschungsinstitut Oberwolfach "Almost complex geometry" (hybrid format).
- *2020*: Co-organizer, jointly with Adrián Andrada, Michael Albanese, Giovanni Bazzoni, Ulrike Riess, Jonas Stelzig, Raquel Villacampa, for the sessions "Cohomology and Characteristic Classes of (almost) complex manifolds" and "Nilmanifold and Solvmanifold Techniques in Complex Geometry" and "Hyperkähler Geometry" of the series "Geometry and TACoS" on the Geometry and Topology of (Almost) Complex Structures.
- *2019*: Co-organizer, jointly with Liviu Ornea, of the workshop "Max LX - miniworkshop on Non-Kählerian Geometry", Firenze.
- *2018*: Co-organizer, jointly with Leandro Arosio, Eleonora Di Nezza, of the CIME summer school "Complex non-Kähler geometry", Cetraro.
- *2018*: Co-organizer, jointly with Simone Calamai, Graziano Gentili, Alexandra Otiman, David Petrecca, Nicoletta Tardini, of the SMI course "Conformal geometry, Cartan connection and locally conformally Kaehler structures" by prof. Paul Gauduchon, Cortona.
- *2018*: Co-organizer, jointly with Cristiano Spotti, Luigi Vezzoni, Michela Zedda, of the "Informal Geometry Workshop in "Paradiso"", Cogne.

- *2017*: Co-organizer, jointly with Simone Calamai, Graziano Gentili, Cristiano Spotti, Nicoletta Tardini, of the "SMI School Kaehler-Einstein metrics" by prof. Cristiano Spotti, Cortona.
- *2016*: In the organizing committee for the workshop on "Kaehler-Einstein families", Pisa.
- *2016*: Co-organizer, jointly with Paolo de Bartolomeis, Costantino Medori, Adriano Tomassini, of the "INdAM Meeting: Complex and Symplectic Geometry", Cortona.
- *2016*: Co-organizer, jointly with Simone Calamai and Cristiano Spotti, of the workshop "Special Hermitian metrics on non-Kähler manifolds", Dipartimento di Matematica e Informatica "Ulisse Dini", Università di Firenze.
- *2016-today*: Co-organizer of the Seminars of Geometry and Complex Analysis at Dipartimento di Matematica e Informatica "Ulisse Dini", Università di Firenze.
- *2015*: Co-organizer, jointly with Simone Calamai and Michela Zedda, of the workshop "A Complex Geometry Day", Centro di Ricerca Matematica "Ennio de Giorgi", Pisa.
- *2015*: Co-organizer, jointly with Simone Calamai and Michela Zedda, of the SMI School "Extremal Kählerian metrics and stability" by Paul Gauduchon, Cortona.
- *2014*: Co-organizer, jointly with Simone Calamai and David Petrecca, of the seminars "Complex Geometry and Analysis at Dini", Dipartimento di Matematica e Informatica "Ulisse Dini", Università di Firenze.
- *2012-2013*: Co-organizer, jointly with Simone Calamai, of the informal seminars "Seminari dei baby-geometri 2012/2013", Dipartimento di Matematica, Università di Pisa.
- *2011*: Co-organizer, jointly with Laura Cremaschi, of the seminars "Seminari degli ex-studenti di Parma - seconda edizione".
- *2010*: Co-organizer, jointly with Laura Cremaschi, of the seminars "Seminari degli ex-studenti di Parma".

SERVICE EXPERIENCES

- *2023-2026 (expected)*: Scientific Secretary of CIME.
- *2022-today*: Member of the Editorial Board of Annali dell'Università di Ferrara.
- *2022*: Referee and member of the jury for PhD thesis by Quang-Tuan Dang, Paris Saclay.
- *2021*: Member of the jury for PhD thesis by Riccardo Piovani, Università di Pisa.
- *2020-2024 (expected)*: Member of the Programme Board for PhD in Mathematics, Computer Science, Statistics at University of Firenze, University of Perugia, INdAM, and Contact person for the Curriculum in Mathematics.
- *2020-2026 (expected)*: Member of the scientific committee and of the executive board of CIME.
- *2019*: Member of the jury for PhD thesis by Miron Stanciu, Universitatea din București.
- *2019-2022 (expected)*: Member of the Science School Board (Consiglio della Scuola di Scienze Matematiche Fisiche e Naturali) at Università di Firenze.
- *2017*: Member of the jury for PhD thesis by Patrick Weber, Université Libre de Bruxelles.
- *2016-2024 (expected)*: Member of the Department Committee (Giunta del Dipartimento) at Dipartimento di Matematica e Informatica "Ulisse Dini", Università di Firenze.
- *2014-today*: System administration and maintenance of the website "Geometria Complessa e Geometria Differenziale" and of the mailing list "Geometria globale".
- *2014-today*: Referee for three PhD thesis.
- *2014-today*: Referee for international research journals.
- *2014-today*: Reviewer for Zentralblatt Math.
- *2013-today*: Reviewer for Mathematical Reviews.
- *2012*: Representative, jointly with Serena Guarino Lo Bianco, of the Mathematics PhD students, Università di Pisa.

RESEARCH PERIODS ABROAD

- June 14-17, 2022, Aarhus, invited by Cristiano Spotti and Francesco Pediconi.
- February 08-22, 2020, COMSATS University Islamabad (CUI), Lahore Campus.
- January 26-28, 2020, Jagiellonian University in Kraków, invited by Sławomir Kołodziej.
- September 08-10, 2019, Universitatea din București.
- July 11-14, 2019, University of Hradec Králové, invited by Ioannis Chrysikos.
- June 24-26, 2019, Marburg, invited by Oliver Goertsches.
- January 7-9, 2019, LMU Munich, invited by Dieter Kotschick.
- August 25-September 09, 2018, Universidad Nacional de Córdoba, invited by Adrian Andrada.
- March 14-16, 2018, Universidad de Zaragoza, invited by Luis Ugarte.
- February 04-11, March 08-19, 2018, Universidad Complutense de Madrid, invited by Jose F. Fernando Galván.
- November 01-November 03, 2017, Universidad Nacional de Córdoba, invited by Adrian Andrada and Marcos Origlia.
- October 19-20, 2017, Universidad Complutense de Madrid, invited by José F. Fernando Galván.
- August 25-September 01, 2017, Hokkaido University in Sapporo, invited by Tatsuo Suwa.
- June 04-08, 2017, Université Libre de Bruxelles, invited by Joel Fine.
- May 14-18, 2017, Aarhus Universitet, invited by Cristiano Spotti and Thomas Bruun Madsen.
- October 02-15, 2016, Universitatea din București, ICUB Fellowship for Visiting Professor, invited by Liviu Ornea and Victor Vuletescu.
- May 24-28, 2016, Department of Pure Mathematics and Mathematical Statistics of the University of Cambridge, invited by Cristiano Spotti.
- April 04-09, 2016, Universidad de Zaragoza, invited by Luis Ugarte.
- October 29-November 22, 2015, Northwestern University, invited by Valentino Tosatti.
- November 16-21, 2014, Universidad de Zaragoza, invited by Luis Ugarte.
- May 06-09, 2014: Universität Bielefeld, invited by prof. Sönke Rollenske and by Giovanni Bazzoni.
- March 30-April 05, 2014: Université Paul Sabatier Toulouse 3, invited by Eveline Legendre.
- February 02-08, 2014: Aix-Marseille Université, invited by Georges Dloussky.
- November 19-21, 2013: Universidad Complutense de Madrid, invited by Luis Giraldo and Carlos Pérez Garrandés.
- September 01-November 30, 2013: Universidad de Zaragoza, with a grant by Istituto Nazionale di Alta Matematica.
- January 16-February 13, 2011 and March 16-31, 2011 and May 18-June 09, 2011, Université de Grenoble I, invited by Jean-Pierre Demailly.

CONFERENCES

- January 23-27, 2023, Trento: CIRM-FBK Conference "Cohomology of Complex Manifolds and Special Structures, III".
- September 19-22, 2022, Levico Terme: "Complex Analysis and Geometry - XXVI".
- August 28-September 03, 2022, Cetraro: CIME Summer School "HyperKähler manifolds and related geometries".
- July 25-28, 2022, Pescara: School "Geometric Deep Learning".
- July 18-22, 2022, Zaragoza (online): "XXVII Congreso de Ecuaciones Diferenciales Y Aplicaciones", minisimposio "Geometric flows and PDEs in Geometry".
- June 20-24, 2022, Portoroz (Slovenia): Complex Analysis, Geometry and Dynamics.
- May 24-26, 2022, online: Geometry & TACoS - Session VIII "Complex Geometric Flows".

- May 17, 2022, Paris Orsay: ANR meeting "Non-Kähler geometry meeting".
- February 03-05, 2022, Cogne: "Informal Geometry Workshop in Paradiso 2022".
- January 10-12, 2022, Parma: "Recent advances in Complex and Symplectic Geometry".
- November 29, 2021, Firenze: "In ricordo del Professor Paolo de Bartolomeis".
- November 03-05, 2021, Parma: "PLUTOICHE2: Balanced metrics and Monge-Ampère masses".
- November 07-12, 2021, Banff (online): BIRS Workshop "Locally Conformal Symplectic Manifolds: Interactions and Applications".
- September 20-October 1st, 2021, online: "Workshop on compact homogeneous Einstein manifolds".
- August 02-06, 2021, Cetraro: CIME School "Modern Aspects of Dynamical Systems".
- June 07-11, 2021, Levico Terme (online): "CIRM-ICTP Complex Analysis and Geometry - XXV".
- May 26-28, 2021, Toulouse (online): Project IEA Plutoche Meeting.
- April 20-21, 2021, Parma (online): "Seminario degli ex-studenti di Matematica e Informatica - 4a edizione".
- February 14-18, 2021 (online): "6th Workshop Complex Geometry and Lie Groups".
- November 30, 2020, Firenze (online): "In memoria del Professor Paolo de Bartolomeis".
- September 07-09, 2020 (online): "Geometry and Applications online celebrating the 80th birthday of Dmitri Alekseevsky".
- July 16, 2020 (online): "Conformal Structures in Geometry".
- January 20-26, 2020, CIRM Trento: Research in Pairs at CIRM with Maurizio Parton and Victor Vuletescu.
- December 16-18, 2019, Göttingen: "14th International Young Researcher Workshop on Geometry, Mechanics and Control".
- October 27-November 01, 2019, Banff: "Bridging the Gap between Kahler and non-Kahler Complex Geometry".
- September 16-20, 2019, Napoli: "Second Joint IMU-INDAM Meeting in Analysis".
- September 02-07, 2019, Pavia: "XXI Congresso UMI".
- July 1-5, 2019, Cortona: "SMI Summer Course "Holomorphic isometries between Kähler manifolds and related topics" by Ngaiming Mok and Sui-Chung Ng".
- June 09-13, 2019, Levico Terme: "Complex Analysis and Geometry - XXIV".
- May 29-June 01, 2019, Roma: "Calabi-Yau and geometry".
- May 27-28, 2019, Firenze: "Max LX - miniworkshop on Non-Kählerian Geometry".
- February 21-23, 2019, Pisa: "Workshop su varietà reali e complesse: geometria, topologia e analisi armonica".
- February 11-15, 2019, Luminy: "Géométrie birationnelle et Théorie de Hodge" in "Thematic Month Complex Geometry".
- February 04-08, 2019, Luminy: "Métriques singulières en géométrie complexe Kählérienne" in "Thematic Month Complex Geometry".
- January 14, 2019, Pisa: "Alessio Figalli, Fields medallist 2018".
- December 20-21, 2018, Roma Tre: "Aeneas Conference".
- December 14, 2018, Milano Bicocca: "A day in Riemannian Geometry and related topics".
- November 30-December 01, 2018, Pisa: invited speaker at "A conference in honour of our friend Fabrizio Broglia".
- November 29, 2018, Firenze: "Cerimonia in memoria di Paolo de Bartolomeis".
- October 05-06, 2018, Pisa: "Complex Analysis and Geometry in Pisa".
- September 23-26, Levico Terme: "Progressi Recenti in Geometria Reale e Complessa".
- September 21, 2018, Torino: "Geometries with torsion".
- September 11-14, 2018, Regensburg: invited speaker at "Special Metrics and Symmetries on Complex Manifolds".
- July 09-13, 2018, Cetraro: CIME summer school "Complex non-Kähler geometry".

- June 20-22, Levico Terme: "Cohomology of Complex Manifolds and Special Structures".
- June 11-15, 2018, Firenze: invited speaker at "The 5th workshop on Complex Geometry and Lie Groups".
- June 05, 2018, Pisa: "A Tale of Algebra and Geometry. A Conference to celebrate Angelo Vistoli's 60th Birthday".
- May 13-19, 2018, Cortona: SMI course "Conformal geometry, Cartan connection and locally conformally Kaehler structures" by Paul Gauduchon.
- May 02-05, 2018, Torino: "Pluripotential Theory, Geometric Analysis and Calibrated Geometry".
- April 23-25, 2018, CUNY: invited speaker at "Jim Simons' 80th birthday conference at CUNY".
- February 01-03, 2018, Pisa: "Workshop su varietà reali e complesse: geometria, topologia e analisi armonica".
- January 22-24, 2018, Cogne: "Informal Geometry Workshop in "Paradiso"".
- January 18-19, 2018, Marseille: "Constant Scalar Curvature Metrics in Kähler and Sasaki Geometry".
- January 08-09, 2018, Parma: invited speaker at "Seminario degli ex-studenti. 3a edizione".
- November 29, 2017, Firenze: "Cerimonia in memoria del Professor Paolo de Bartolomeis".
- October 27, 2017, Parma, "Giornata di geometria complessa in onore di Lucia Alessandrini".
- September 07-08, 2017, Ancona: invited speaker at "Quaternioni sul Conero".
- July 10-11, 2017, Roma: "Moduli of K-stable varieties".
- June 21-July 01, 2017, Notre Dame: invited speaker at "Current developments and new directions in Kahler geometry".
- June 14, 2017, Levico Terme: "Complex Analysis and Geometry - XXIII".
- April 30-May 06, 2017, Cortona: "SMI School Kaehler-Einstein metrics" by prof. Cristiano Spotti.
- April 05-07, 2017, Torino: "Differential Geometry Days".
- April 03-05, 2017, Pisa: "Filling by holomorphic disks".
- March 27-30, 2017, Marburg: invited speaker at "MAMI - (Non)-existence of complex structures on S^6 ".
- March 10, 2017, Roma: invited speaker at "A Differential Geometry Day in Rome".
- February 24-26, 2017, Pisa: invited speaker at "Workshop su varietà reali e complesse: geometria, topologia e analisi armonica".
- February 20-24, 2017, Pisa: "France-Italy meeting in Geometric Analysis".
- February 08-10, 2017, Pescara: invited speaker at "Geometry and Computer Science - GnCS 2017".
- January 30-February 03, 2017, Zaragoza: invited speaker at "Congreso de la RSME 2017".
- January 26-28, 2017, Firenze: "Perspectives in Geometry".
- January 09-13, 2017, Tsinghua: invited speaker at "Young Geometric Analysts' Forum 2017".
- October 24-27, 2016, Pisa: "Kaehler-Einstein families".
- September 19-23, 2016, Pisa: "A Mathematical Tribute to Ennio De Giorgi".
- September 12-16, 2016, Roma: "Complex function theory, its generalizations and applications".
- September 10, 2016, Pisa: "Pisa-Hokkaido Workshop: Perspectives on Ricci flow, the dispersive equation, and related topics".
- September 07-08, 2016, Cagliari: "Complex and Riemannian Geometry Days".
- August 27-September 02, 2016, Rio de Janeiro: invited speaker at "1st joint meeting Italy-Brazil in mathematics".
- July 11-15, 2016, Firenze: "Differential Geometry in the Large".

- June 12-18, 2016, Cortona: Workshop "INdAM Meeting: Complex and Symplectic Geometry".
- May 30-June 10, 2016, Firenze: "Teoria delle funzioni ipercomplesse e applicazioni".
- May 17-20, 2016, Hannover: invited speaker at Workshop "Geometric structures related to Hermitian and almost Hermitian manifolds".
- May 13, 2016, Torino: "A Differential Geometry Day in memory of our colleague and friend Sergio Console".
- April 20-22, 2016, Firenze: "Special Hermitian metrics on non-Kähler manifolds".
- March 22-26, 2016, Nara-Osaka: invited speaker at "The 4th Workshop on Complex Geometry and Lie Groups".
- February 25-26, 2016, Parma: "Complex Geometry BiDay in Parma".
- February 18-19, 2016, Milano: "Geometria in Bicocca 2016".
- February 03-04, 2016, Parma: "Complex geometry and Hamiltonian actions".
- January 21-23, 2016, Pisa: "Workshop 2016 su Varietà reali e complesse: geometria, topologia e analisi armonica".
- December 01, 2015, Ferrara: "Hypercomplex Analysis and Geometry".
- October 02-03, 2015, Trieste: School and Workshop on "Complex Analysis, Geometry and Dynamics".
- September 07-12, 2015, Siena: invited speaker at "XX Congresso dell'Unione Matematica Italiana".
- September 01-04, 2015, Zaragoza: "XXIV International Fall Workshop on Geometry and Physics".
- July 02-03, 2015, Bielefeld: invited speaker at Conference "Bielefeld Geometry & Topology Days".
- June 01-05, 2015, Levico Terme: Conference "Complex Analysis and Geometry XXII".
- May 15, 2015, Pisa: Workshop "A Complex Geometry Day".
- April 19-25, 2015, Cortona: SMI School "Extremal Kählerian metrics and stability" by Paul Gauduchon.
- March 23-28, 2015, Pisa: "Joint meeting Nordic Complex Analysis Meeting (NORDAN) and Komplex Analysis Winter school and workshop (KAWA)".
- February 23-26, 2015, Torino: invited speaker at "A workshop in memory of our colleague and friend Sergio Console".
- February 05-06, 2015, Milano: Workshop "Geometria in Bicocca 2015".
- October 19-23, 2014, Levico Terme: invited speaker at Conference "Progressi Recenti in Geometria Reale e Complessa IX".
- September 29 - October 03, 2014, Trieste: Conference "Complex Geometry, Analysis and Foliations".
- September 18-20, 2014, Villasimius: Workshop "New trends in Differential Geometry 2014".
- July 21-August 01, 2014, Cortona: Summer school "An introduction to Calabi's extremal Kähler metrics" by Paul Gauduchon.
- June 30-July 04, 2014, Bilbao: invited speaker at "First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI".
- June 23-28, 2014, Milano: Summer school "Asymptotic aspects of complex and algebraic geometry".
- June 16-20, 2014, Torino: Workshop "Complex Geometry and Lie Groups".
- June 16-20, 2014, Pisa: Workshop "Isoperimetric Problems Between Analysis and Geometry".
- June 09-13, 2014, Pisa: Workshop "Analysis and Geometry on Singular Spaces".
- June 02-04, 2014, Paris: invited speaker at Conference "Complex Analysis and Geometry in honor of Pierre Dolbeault".
- March 24-29, 2014, Luminy: speaker at "Joint meeting Nordic Complex Analysis Meeting (NORDAN) and Komplex Analysis Winter school and workshop (KAWA)".

- February 24-27, 2014, Torino: speaker at School "Carnival Differential Geometry".
- February 20-22, 2014, Pisa: invited speaker at Workshop "Secondo workshop PRIN 2010-2011 Varietà reali e complesse: geometria, topologia e analisi armonica".
- February 20-21, 2014, Pisa: Workshop "Partial Differential Equations and applications".
- December 20, 2013, Roma: invited speaker at Workshop "New Entries's Day 2013" and Prize Michele Cuzzo 2013.
- December 16-20, 2013, Pisa: Workshop "Fundamental Groups in Arithmetic and Algebraic Geometry".
- October 23-25, 2013, Firenze: invited speaker at Workshop "Incontro del progetto FIRB 2012 Geometria Differenziale e Teoria Geometrica delle Funzioni".
- June 02-07, 2013, Levico Terme: speaker at Conference "Complex Analysis and Geometry XXI".
- February 28-March 03, 2013, Pisa: Workshop "Varietà reali e complesse: geometria, topologia e analisi armonica".
- October 14-19, 2012, Levico Terme: invited speaker at Workshop "Progressi Recenti in Geometria Reale e Complessa".
- September 14, 2012, Firenze: Seminars "The locally free geometry seminar at Florence".
- September 03-07, 2012, Cortona: Conference "New Trends in Holomorphic Dynamics".
- June 18-July 06, 2012, Grenoble: Summer school "Feuilletages, Courbes Pseudoholomorphes, Applications".
- May 23-26, 2012, Pisa: Conference "Giornate di Geometria Algebrica ed Argomenti Correlati XI".
- May 10-12, 2012, Milano: Workshop "Geometria in Bicocca 2012".
- January 09-12, 2012, Parma: organizer and speaker at Seminars "Seminario degli ex-studenti di Parma, seconda edizione".
- September 12-17, 2011, Bologna: "XIX Congresso dell'Unione Matematica Italiana".
- July 11-16, 2011, Cetraro: Summer school "Pluripotential Theory".
- June 13-17, 2011, Levico Terme: Conference "Complex Analysis and Geometry XX".
- May 12-13, 2011, Milano: Workshop "Geometria in Bicocca 2011".
- April 04-08, 2011, Pisa: Workshop "Ricci Solitons Days in Pisa 2011".
- February 21-25, 2011, Luminy: invited speaker at Workshop "Non-Kählerian aspects of complex geometry".
- February 13-18, 2011, Luminy: Workshop "Analytic aspects of complex algebraic geometry".
- December 21, 2010-January 10, 2011, Parma: organizer and speaker at Seminars "Seminario degli ex-studenti di Parma".
- October 17-22, 2010, Levico Terme: invited speaker at Conference "Progressi Recenti in Geometria Reale e Complessa".
- August 30-September 03, 2010, Roma: Workshop "Workshop in Deformation Theory II".
- June 28-July 03, 2010, Cetraro: Summer school "Ricci Flow and Geometric Applications".
- May 31-June 04, 2010, Levico Terme: Conference "Complex Geometry".
- May 07, 2010, Milano: Workshop "Geometria in Bicocca".
- February 22-26, 2010, Pisa: Lectures "An introduction to Topos Theory and its unifying role in Mathematics" by Olivia Caramello.

INVITED TALKS

- January 25, 2023, Trento: "Plurisigned Hermitian metrics" (at CIRM-FBK Conference "Cohomology of Complex Manifolds and Special Structures, III").

- December 15, 2022, Columbia (online): "A moment map for twisted-Hamiltonian vector fields on locally conformally Kähler manifolds" (at Informal Complex Geometry and PDE Seminar at Columbia).
- July 22, 2022, Zaragoza (online): "The Chern-Ricci flow on Inoue surfaces" (at XXVI-ICEDYA).
- June 21, 2022, Portoroz (Slovenia): "The Hermitian geometry of the Chern connection" (at Complex Analysis, Geometry and Dynamics).
- June 16, 2022, Aarhus: "Locally conformally Kähler threefolds of algebraic dimension 2".
- May 25, 2022, online: "The Chern-Ricci Flow on Inoue-Bombieri surfaces" (at the Geometry & TACoS - Session VIII "Complex Geometric Flows").
- May 17, 2022, Paris Orsay: "The Hermitian geometry of the Chern connection" (at the ANR meeting "Non-Kähler geometry meeting").
- March 31, 2022, KIAS (online): "The Hermitian geometry of the Chern connection".
- December 22, 2021, Roma La Sapienza: "On the Hermitian geometry of the Chern connection: the Chern-Ricci flow on Inoue surfaces".
- *Popularization*. November 02, 2021, Firenze (online): "Che forma ha l'Universo?" (at Sarò Matricola).
- *Popularization*. September 24, 2021, Firenze: "Che forma ha l'Universo?" (at Bright Night 2021 - Notte europea delle Ricercatrici e dei Ricercatori).
- July 08, 2021, Levico Terme: "Some problems on the Hermitian geometry of the Chern connection" (at "Cohomology of Complex Manifolds and Special Structures - II").
- June 23, 2021, online: joint with Francesco Pediconi, "On cohomogeneity one Hermitian non-Kähler manifolds" (Minisymposium "Topics in complex and quaternionic geometry", within the 8th European Congress of Mathematics).
- May 26-28, 2021, Toulouse (online): three talks on "Non-Kähler Hermitian manifolds" (at Project IEA Plutoche Meeting).
- April 23, 2021, Parma (online): "On cohomogeneity one Hermitian non-Kähler manifolds".
- February 14-18, 2021 (online): "Locally conformally Kähler threefolds of algebraic dimension 2" (at "6th Workshop Complex Geometry and Lie Groups").
- *Popularization*. February 01, 2021, Firenze (online): "La Geometria dell'Universo" (at Settimana Matematica Fiorentina).
- November 30, 2020, Krakow (online): "On the Chern-Ricci flow on Inoue surfaces".
- November 24, 2020, Bucarest (online): "On cohomogeneity one Hermitian non-Kähler manifolds" (at Seminarul de Geometrie IMAR).
- November 12, 2020, Firenze (online): "On the Chern-Ricci flow on Inoue surfaces" (at Seminario di Geometria Differenziale e Analisi Complessa del DIMaI).
- July 16, 2020 (online): "Examples emerging from lcK geometry" (at "Conformal Structures in Geometry").
- *Popularization*. February 03-04, 2020, Firenze: "La Geometria dell'Universo" (at Settimana Matematica Fiorentina). January 27, 2020, Kraków: "Hermitian geometry of complex manifolds".
- December 16-18, 2019, Göttingen: Mini-course on "Cohomological and metric aspects in complex non-Kähler geometry" (at "14th International Young Researcher Workshop on Geometry, Mechanics and Control"). (note)
- September 19, 2019, Napoli: "Special Hermitian metrics on complex manifolds" (at Second Joint IMU-INDAM Meeting in Analysis).
- September 07, 2019, Pavia: "Metriche Hermitiane speciali su varietà complesse" (at "XXI Congresso UMI", sezione Geometria Complessa).
- July 12, 2019, University of Hradec Králové: "Some Hermitian problems in complex non-Kähler geometry".

- June 25, 2019, Marburg: "Structure and cohomologies of locally conformally symplectic manifolds"
- January 08, 2019, Munich: "Cohomological and geometric Hermitian problems on complex non-Kähler manifolds".
- December 01, 2018, Pisa: "Isometric immersions in locally conformally Kähler geometry" (at "A conference in honour of our friend Fabrizio Broglia").
- September 12, 2018, Regensburg: "Cohomologies of locally conformally symplectic structures" (at "Special Metrics and Symmetries on Complex Manifolds").
- September 06, 2018, Córdoba: "Special Hermitian metrics on complex non-Kähler manifolds".
- *Course*. August 27-28, September 03, 2018, Córdoba: "An invitation to complex non-Kähler geometry".
- June 11, 2018, Firenze: "Isometric immersions of locally conformally Kähler manifolds" (at "The 5th workshop on Complex Geometry and Lie Groups").
- April 23, 2018, CUNY New York: "Survey of known cohomological structures on complex manifolds" (at "Jim Simons' 80th birthday conference at CUNY").
- March 28, 2018, Pisa: "Cohomological and metric aspects in non-Kähler geometry".
- March 08, 2018, Universidad Complutense de Madrid: "Isometric immersions in locally conformally Kähler geometry".
- January 09, 2018, Parma: "Varietà complesse: topologia, geometria, analisi" (at "Seminario degli ex-studenti. 3a edizione").
- December 20, 2017, Parma: "On Hodge decomposition up to bimeromorphisms" (at the working group "Varietà quasi Hermitiane a curvatura omogenea, II").
- November 21, 2017, Milano Bicocca: "Special Hermitian structures on complex manifolds".
- November 02, 2017, Córdoba: "Structure and cohomologies of locally conformally symplectic manifolds and solvmanifolds".
- October 19, 2017, Madrid: "Cohomological decompositions and canonical metrics on complex non-Kähler manifolds".
- *Popularization talk*. October 10, 2017, Firenze: "La matematica della crittografia" (at University Lab Alternanza Scuola-Università).
- September 08, 2017, Ancona: "Slice-quaternionic Hopf surfaces" (at "Quaternioni sul Conero").
- June 29, 2017, Notre Dame: "Special Hermitian non-Kähler metrics" (at "Current developments and new directions in Kähler geometry").
- June 07, 2017, Bruxelles: "Special metrics on complex manifolds" (at seminars Differential Geometry at Université Libre de Bruxelles).
- May 17, 2017, Aarhus: "Cohomological properties of locally conformally structures on non-Kähler manifolds" (at AaDAG seminar-QGM).
- March 28, 2017, Marburg: "Hodge numbers of a hypothetical complex structure on S^6 " (at "MAM1 - (Non)-existence of complex structure on S^6 ").
- March 10, 2017, Roma: "Cohomologies of locally conformal structures" (at "A Differential Geometry Day in Rome").
- February 26, 2017, Pisa: "Oeljeklaus-Toma manifolds and deformations" (at Workshop su varietà reali e complesse: geometria, topologia e analisi armonica).
- February 09, 2017, Pescara: "SageMath experiments in Differential and Complex Geometry" (at Geometry and Computer Science - GnCS 2017).
- January 30, 2017, Zaragoza: "Variedades de Oeljeklaus-Toma y deformaciones" (at "Congreso de la RSME 2017", sesión "Estructuras geométricas en variedades y aplicaciones").
- January 11, 2017, Tsinghua: "Special Hermitian metrics on complex non-Kähler manifolds" (at Young Geometric Analysts' Forum 2017).
- October 11, 2016, Bucharest: "Cohomological invariants of complex structures".

- October 05, 2016, Bucharest: "An introduction to non-Kähler geometry: A chemical analysis of complex manifolds".
- September 02, 2016, Rio de Janeiro: "Cohomological and metric properties of non-Kähler manifolds" (at the "1st joint meeting Italy-Brazil in mathematics").
- June 28, 2016, Roma: "On the Chern-Yamabe problem on non-Kähler manifolds".
- May 25, 2016, Cambridge: "Cohomological properties of non-Kähler manifolds" (at the Cambridge Algebraic Geometry seminar).
- May 17, 2016, Hannover: "Special Hermitian metrics on non-Kähler manifolds" (at Workshop "Geometric structures related to Hermitian and almost Hermitian manifolds").
- April 06, 2016, Zaragoza: "Special metrics on non-Kähler manifolds up to conformal changes".
- March 25, 2016, Nara-Osaka: "Special Hermitian metrics up to conformal changes on non-Kähler manifolds" (at "The 4th Workshop on Complex Geometry and Lie Groups").
- March 15, 2016, Pisa: "Algebraic number field theory for constructing non-Kähler manifolds" (at Seminari dei Baby-Geometri).
- November 11, 2015, Evanston: "Cohomologies and special metrics for non-Kähler manifolds" (at Informal Geometric Analysis Seminar).
- September 10, 2015, Siena: "Problema di Chern-Yamabe" (at "XX Congresso dell'Unione Matematica Italiana").
- July 03, 2015, Bielefeld: "On the Bott-Chern and Aeppli cohomology" (at Conference "Bielefeld Geometry & Topology Days").
- *Popularization talk.* June 27, 2015, Pontremoli: jointly with Annalisa Angella and Anna Rita Giammetta, "Giocati dall'azzardo - Stiamo giocando o ci stanno giocando?" (at Circolo ARCI Babel - la Casa dei Popoli).
- April 20, 2015, Cortona: "Special metrics on complex non-Kähler manifolds" (at SMI School "Extremal Kählerian metrics and stability" by Paul Gauduchon).
- February 25, 2015, Torino: "Special metrics on complex manifolds: on the Chern-Yamabe problem" (at Workshop in memory of our colleague and friend Sergio Console).
- October 27, 2014, Pisa: "Geometria e algebra per varietà complesse" (at Seminari dei baby-geometri).
- October 22, 2014, Levico Terme: "Non-Kähler metrics and cohomologies on complex manifolds" (at Progressi Recenti in Geometria Reale e Complessa IX).
- July 28, 2014, Cortona: "Yamabe Chern conjecture" (at Summer school "An introduction to Calabi's extremal Kaehler metrics" by Paul Gauduchon).
- June 30, 2014, Bilbao: "Cohomological properties of symplectic manifolds" (at First Joint International Meeting RSME-SCM-SEMA-SIMAI-UMI).
- June 04, 2014, Paris: "Cohomologies of complex manifolds" (at Conference on Complex Analysis and Geometry in honor of Pierre Dolbeault).
- *Popularization talk.* May 10, 2014, Pontremoli: joint with Anna Rita Giammetta, "Matematica e Democrazia" (at Circolo ARCI Babel - la casa dei Popoli).
- May 07, 2014, Bielefeld: "Cohomologies of complex manifolds in non-Kähler geometry" (at seminars Oberseminar Gruppen und Geometrie).
- April 04, 2014, Toulouse: "Cohomological aspects of non-Kähler manifolds" (at seminars on Analyse et géométrie complexe).
- March 28, 2014, Marseille: "On Bott-Chern cohomology for complex manifolds" (at Joint meeting NORDAN and KAWA).
- March 04, 2014, Pisa: "Un'introduzione alla Geometria non-Kähleriana (verso il Lato Oscuro della Geometria Complessa)" (at Seminari dei baby-geometri).
- February 25, 2014, Torino: "Cohomological aspects of non-Kähler manifolds" (at Carnival Differential Geometry school).
- February 22, 2014, Pisa: "Coomologie di varietà complesse" (at second workshop PRIN 2010-2011 Varietà reali e complesse: geometria, topologia e analisi armonica).

- January 22, 2014, and February 13, 2014, and February 19, 2014, and May 13, 2014, and May 20, 2014, Parma: "Formalità di varietà complesse, I-II-IV-V-VI" (at Seminario di Geometria 2013/2014).
- January 03, 2014, Firenze: "CMA in Geometria Complessa" (at CGAIDini).
- December 20, 2013, Roma: "Cohomological aspects in complex non-Kähler geometry" (at workshop New Entries' Day 2013 Cuzzo Prize).
- November 27, 2013, Torino: "Un'introduzione alla Geometria non-Kähleriana" (at Mathematics Ph.D. Seminars).
- November 21, 2013, Madrid: "An introduction to non-Kähler geometry" (at Seminario Doctorandos Matemáticas).
- November 19, 2013, Madrid: "Cohomological aspects in complex non-Kähler geometry" (at Seminario de Geometría y Topología).
- November 12, 2013, Zaragoza: "Cohomological aspects in complex geometry" (at Seminario de Geometría y Topología).
- October 24, 2013, Firenze: "Relazioni coomologiche e modelli per varietà non-Kähleriane" (at Incontro del progetto FIRB 2012 Geometria Differenziale e Teoria Geometrica delle Funzioni).
- October 01, 2013, Zaragoza: "Cohomologically-computable manifolds" (working seminar).
- June 06, 2013, Levico Terme: "Cohomologically-computable non-Kähler manifolds" (at Complex Analysis and Geometry XXI).
- December 12, 2012, Parma: "Seminario di Geometria IV" (at Working group Seminario di Geometria 2012/2013).
- December 10, 2012, Firenze: "Non-Kähler Geometry: towards the Dark Side of Complex Geometry" (at Seminari dei Dottorandi).
- November 21, 2012, Pisa: "Cohomological aspects of non-Kähler manifolds" (at Seminari di Geometria).
- October 19, 2012, Levico Terme: "Aspetti coomologici in Geometria non-Kähleriana" (at workshop Progressi Recenti in Geometria Reale e Complessa).
- January 11, 2012, Parma: "Introduzione alla Geometria Generalizzata, II" (at Seminari degli ex-studenti di Parma, seconda edizione).
- December 12, 2011, Pisa: "Coomologie di varietà complesse e varietà-esempio" (at Seminari Informali di Matematica dei Dottorandi, Seminari di Algebra e Geometria).
- October 18, 2011, and November 15, 2011, and November 29, 2011, Parma: "Coomologia di Bott-Chern e deformazioni, I-III-IV" (at Working group Seminario di Geometria 2011/2012).
- September 16, 2011, Bologna: "Scomposizione in coomologia per varietà quasi-complesse" (at XIX Congresso dell'Unione Matematica Italiana).
- March 21, 2011, Grenoble: "On cohomological properties of non-Kähler manifolds" (at Séminaires d'Algèbre et géométries).
- March 18, 2011, Grenoble: "Non-Kähler complex varieties and Hodge decomposition" (at Workgroup Pathologies in Institut Fourier).
- February 22, 2011, Marseille: "On cohomological properties of non-Kähler manifolds" (at workshop Analytic aspects of complex algebraic geometry).
- December 22, 2010, Parma: "Coomologia di varietà (quasi-)complesse" (at Seminari degli ex-studenti di Parma).
- October 18, 2010, Levico Terme: "Scomposizione della coomologia di de Rham per una classe di varietà quasi-complesse" (at Progressi Recenti in Geometria Reale e Complessa).
- April 26, 2010, Pisa: "Il $\partial\bar{\partial}$ -lemma: un'introduzione alla geometria Kähleriana" (at Seminari dei baby-geometri).

PAPERS

(For an updated list of papers and preprints, see <https://sites.google.com/site/danieleangella/papers> or my page on arXiv: http://arxiv.org/a/angella_d_1.)

Papers.

- [1] Daniele Angella, Adriano Tomassini, On Cohomological Decomposition of Almost-Complex Manifolds and Deformations, *J. Symplectic Geom.* **9** (2011), no. 3, 403–428 (arXiv:0909.3604).
DOI: 10.4310/JSG.2011.v9.n3.a5
- [2] Daniele Angella, Adriano Tomassini, On the cohomology of almost-complex manifolds, *Int. J. Math.* **23** (2012), no. 2, 1250019, 25 pp. (arXiv:1211.6276).
DOI: 10.1142/S0129167X11007604
- [3] Daniele Angella, Federico Alberto Rossi, Cohomology of D-complex manifolds, *Differ. Geom. Appl.* **30** (2012), no. 5, 530–547 (arXiv:1201.2503).
DOI: 10.1016/j.difgeo.2012.07.003
- [4] Daniele Angella, Adriano Tomassini, On the $\partial\bar{\partial}$ -lemma and Bott-Chern cohomology, *Invent. Math.* **192** (2013), no. 1, 71–81 (arXiv:1402.1954).
DOI: 10.1007/s00222-012-0406-3
- [5] Daniele Angella, Cohomologies of certain orbifolds, *J. Geom. Phys.* **171** (2013), 117–126 (arXiv:1211.2561).
DOI: 10.1016/j.geomphys.2013.04.008
- [6] Daniele Angella, Simone Calamai, A vanishing result for strictly p -convex domains, *Ann. Mat. Pura Appl.* **193** (2014), no. 4, 1069–1084 (arXiv:1211.2564).
DOI: 10.1007/s10231-012-0315-5
- [7] Daniele Angella, Simone Calamai, Bott-Chern cohomology and q -complete domains, *C. R. Math. Acad. Sci. Paris* **151** (2013), no. 9–10, 343–348 (arXiv:1305.4011).
DOI: 10.1016/j.crma.2013.05.006
- [8] Daniele Angella, The cohomologies of the Iwasawa manifold and of its small deformations, *J. Geom. Anal.* **23** (2013), no. 3, 1355–1378 (arXiv:1212.4351).
DOI: 10.1007/s12220-011-9291-z
- [9] Daniele Angella, Adriano Tomassini, Symplectic manifolds and cohomological decomposition, *J. Symplectic Geom.* **12** (2014), no. 2, 215–236 (arXiv:1211.2565).
DOI: 10.4310/JSG.2014.v12.n2.a1
- [10] Daniele Angella, Adriano Tomassini, Inequalities à la Frölicher and cohomological decompositions, *J. Non-commut. Geom.* **9** (2015), no. 2, 505–542. (arXiv:1403.2298).
DOI: 10.4171/JNCG/199
- [11] Daniele Angella, Adriano Tomassini, Weiyi Zhang, On cohomological decomposability of almost-Kähler structures, *Proc. Amer. Math. Soc.* **142** (2014), no. 10, 3615–3630 (arXiv:1211.2928).
DOI: 10.1090/S0002-9939-2014-12049-1
- [12] Daniele Angella, Maria Giovanna Franzini, Federico Alberto Rossi, Degree of non-Kählerianity for 6-dimensional nilmanifolds, *Manuser. Math.* **148** (2015), no. 1–2, 177–211 (arXiv:1210.0406).
DOI: 10.1007/s00229-015-0734-x
- [13] Daniele Angella, Hisashi Kasuya, Hodge theory for twisted differentials, *Complex Manifolds* **1** (2014), no. 1, 64–85 (arXiv:1407.3928).
DOI: 10.2478/coma-2014-0005
- [14] Daniele Angella, Georges Dloussky, Adriano Tomassini, On Bott-Chern cohomology of compact complex surfaces, *Ann. Mat. Pura Appl.* **195** (2016), no. 1, 199–217 (arXiv:1402.2408).
DOI: 10.1007/s10231-014-0458-7
- [15] Daniele Angella, Hisashi Kasuya, Cohomologies of deformations of solvmanifolds and closedness of some properties, *North-West. Eur. J. Math.* **3** (2017), 75–105 (arXiv:1305.6709).
Link: <http://math.umiv-lille1.fr/~nwejm/OnlinePapers/Archives/2017/3/4/article2017-4.pdf>
- [16] Daniele Angella, Adriano Tomassini, On Bott-Chern cohomology and formality, *J. Geom. Phys.* **93** (2015), 52–61 (arXiv:1411.6037).
DOI: 10.1016/j.geomphys.2015.03.004
- [17] Daniele Angella, Luis Ugarte, Locally conformal Hermitian metrics on complex non-Kähler manifolds, *Mediterr. J. Math.* **13** (2016), no. 4, 2105–2145 (arXiv:1505.08007).
DOI: 10.1007/s00009-015-0586-3
- [18] Daniele Angella, Adriano Tomassini, Stability of holomorphically-parallelizable manifolds, *C. R. Math. Acad. Sci. Paris* **353** (2015), no. 8, pp. 741–745 (arXiv:1411.6460).
DOI: 10.1016/j.crma.2015.06.005

- [19] Daniele Angella, Simone Calamai, Adela Latorre, On cohomological decomposition of generalized-complex structures, *J. Geom. Phys.* **98** (2015), 227-241 (arXiv:1406.2101).
DOI: 10.1016/j.geomphys.2015.07.019
- [20] Daniele Angella, Simone Calamai, Cristiano Spotti, On the Chern-Yamabe problem, *Math. Res. Lett.* **24** (2017), no. 3, 645-677 (arXiv:1501.02638).
DOI: 10.4310/MRL.2017.v24.n3.a3
- [21] Daniele Angella, Simone Calamai, Hisashi Kasuya, Cohomologies of generalized complex manifolds and nilmanifolds, *J. Geom. Anal.* **27** (2017), no. 1, 142-161 (arXiv:1405.0981).
DOI: 10.1007/s12220-016-9677-z
- [22] Daniele Angella, Nicoletta Tardini, Quantitative and qualitative cohomological properties for non-Kähler manifolds, *Proc. Amer. Math. Soc.* **145** (2017), no. 1, 273-285 (arXiv:1507.07108).
DOI: 10.1090/proc/13209
- [23] Daniele Angella, Antonio Otal, Luis Ugarte, Raquel Villacampa, Complex structures of splitting-type, *Rev. Mat. Iberoam.* **33** (2017), no. 4, 1309-1350 (arXiv:1507.03385).
DOI: 10.4171/rmi/973
- [24] Daniele Angella, Hisashi Kasuya, Symplectic Bott-Chern cohomology of solvmanifolds, *J. Symplectic Geom.* **17** (2019), no. 1, 41-91 (arXiv:1308.4258).
DOI: 10.4310/JSG.2019.v17.n1.a2
- [25] Daniele Angella, Hisashi Kasuya, Bott-Chern cohomology of solvmanifolds, *Ann. Global Anal. Geom.* **52** (2017), no. 4, 363-411 (arXiv:1212.5708).
DOI: 10.1007/s10455-017-9560-6
- [26] Daniele Angella, Nicoletta Tardini, Alexandra Otiman, Cohomologies of locally conformally symplectic manifolds and solvmanifolds, *Ann. Global Anal. Geom.* **53** (2018), no. 1, 67-96 (arXiv:1703.05512).
DOI: 10.1007/s10455-017-9568-y
- [27] Daniele Angella, Luis Ugarte, On small deformations of balanced manifolds, *Differ. Geom. Appl.* **54** (2017), Part B, 464-474 (arXiv:1502.07581).
DOI: 10.1016/j.difgeo.2017.07.010
- [28] Daniele Angella, Adriano Tomassini, Hermitian ranks of compact complex manifolds, *Proc. Amer. Math. Soc.* **146** (2018), no. 5, 2195-2205 (arXiv:1605.04001).
DOI: 10.1090/proc/13938
- [29] (*Proceedings.*) Daniele Angella, Hodge numbers of a hypothetical complex structure on S^6 , *Differ. Geom. Appl.* **57** (2018), 105-120 (arXiv:1705.10518).
DOI: 10.1016/j.difgeo.2017.10.012
- [30] Daniele Angella, Adriano Tomassini, Misha Verbitsky, On non-Kähler degrees of complex manifolds, *Adv. Geom.* **19** (2019), no. 1, 65-69 (arXiv:1605.03368).
DOI: advgeom-2018-0026
- [31] (*Proceedings.*) Daniele Angella, Cristiano Spotti, Kähler-Einstein metrics: Old and New, *Complex Manifolds* **4** (2017), 200-244. (arXiv:1710.05380).
DOI: 10.1515/coma-2017-0014
- [32] Daniele Angella, Giovanni Bazzoni, Maurizio Parton, Structure of locally conformally symplectic Lie algebras and solvmanifolds, *Ann. Sc. Norm. Super. Pisa, Cl. Sci. (5)* **XX** (2020), 373-411 (arXiv:1704.01197).
DOI: 10.2422/2036-2145.201708_015
- [33] Daniele Angella, Cinzia Bisi, Slice-quaternionic Hopf surfaces, *J. Geom. Anal.* **29** (2019), no. 3, 1837-1858 (arXiv:1606.06128).
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RESEARCH INTERESTS

Complex non-Kähler Geometry. Cohomological properties of non-Kähler manifolds.

Hermitian Geometry. Conformal Differential Geometry. Symplectic Geometry.

Functions of complex and hypercomplex variables.

- Several complex variables and analytic spaces, Differential geometry, and Symplectic geometry.
 - *Complex geometry*: (Almost-)complex manifolds; Hermitian and Kählerian manifolds, and locally conformally structures; Special Hermitian metrics on complex manifolds; Cohomology of complex manifolds, cohomological decomposition and $\partial\bar{\partial}$ -Lemma; Topological aspects of complex manifolds.
 - *Symplectic geometry*: Symplectic manifolds; Locally conformally symplectic structures; Generalized geometries à la Hitchin; Cohomology of compact symplectic manifolds.
 - *Deformations of analytic structures*: Deformations of complex structures; Deformations of special structures.
 - *Complex variables*: Holomorphic functions in several complex variables; Functions of hypercomplex variables; Geometric theory of slice regular functions of one quaternionic variable.
 - *Geometric convexity*: q -completeness; Other notions of convexity; Analytical consequences of geometric convexity (vanishing theorems, etc.).
- Global analysis, analysis on manifolds.
 - *General theory of differentiable manifolds*: de Rham theory; Hodge theory; Transcendental methods; Elliptic equations on manifolds; PDE Methods of Riemannian geometry; Geometric flows on Hermitian manifolds.
- Topological groups, Lie groups.
 - *Lie groups*: General properties and structure of complex and real Lie groups; Nilpotent and solvable Lie groups.
 - *Homology and homotopy of topological groups and related structures*: Homology and cohomology of Lie groups; Homology and cohomology of homogeneous spaces of Lie groups.

LINKS

- GeCoGeDi: <http://gecogedi.dimai.unifi.it/person/2/>
- arXiv: http://arxiv.org/a/angella_d_1
- MathSciNet: <http://www.ams.org/mathscinet/search/author.html?mrauthid=943911>
- ZbMath: <http://www.zentralblatt-math.org/zblmath/search/?q=ai:angella.daniele>
- MathGenealogy: <http://www.genealogy.ams.org/id.php?id=171045>
- Scopus: <http://www.scopus.com/authid/detail.url?origin=resultslist&authorId=42960925000&zzone=>
- ISI WoK: <http://www.researcherid.com/rid/A-8784-2015>
- ORCID: <http://orcid.org/0000-0003-4187-4110>
- UniFI: <http://www.unifi.it/p-doc2-2013-000000-A-3f2b3c2e39282e-0.html>
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