Emilio Musso
Dipartimento di Scienze Matematiche
Politecnico di Torino
Corso Duca degli Abruzzi 24
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emilio.musso@polito.it
Gender : Male

Place of Birth :	Turin, Italy
Date of Birth	10/01/1959
Citizenship	Italian
Native language	Italian
Language spoken	English and French

Current Position
Full Professor, Department of Mathematical Sciences, Politecnico di Torino (Italy)
SSD Math-02/B -Geometria
GSD 01/Math-02- Algebra e Geometria

Education
1981 Laurea in Matematica, University of Turin. Title of the thesis : "Operatori di curvatura, congettura di Hopf e punti critici della curvatura sezionale". Disseratation advisors : Prof. F. Fava, Prof. F. Tricerri.
1987 Doctor Philosophiae in Mathematics, Washington University in St. Louis. Title of the thesis : "Pseudoholomorphic curves in the six sphere". Dissertation advisor : Prof. G. R. Jensen.

Carrear
1981-1982 Graduate student, "Instituto Nazionale di Alta Matematica F. Severi".
1982-1983 Military Service.
1983-1984 Graduate student, Washington University in St. Louis.
1984-1985 Research grant of CNR ("Consiglio Nazionale delle Ricerche").
1985-1989 Assistant Professor, University of L'Aquila.
1989-1992 Assistant Professor, University of Florence.
1992-1994 Associated Professor, University "La Sapienza" of Rome.
1994-2008 Full Professor, University of L'Aquila.
2008- Full Professor, Politecnico di Torino

Field of research
Differential geometry :
- Geometrical variational problems
- Deformation of submanifolds in homogeneous spaces.
- Isothermic and L-isothermic surfaces.
- Exterior differential systems and integrable systems.

Field of teaching

Projective, affine and Euclidean geometry.
Linear Algebra
Differential Geometry
Mathematical Analysis

Organization of meetings

• "Nuovi contributi italiani alla Geometria Differenziale", congress GNSAGA Bari, 3-7 september 1997 (with P. De Bartolomeis, A. Ratto, A.M. Pastore, M. Pontecorvo).
• "Transformation groups in Differential Geometry", congress CIRM. Levico Terme, 25-29 may 1998 (with G. Gentili, F. Podestà).
• "Proprietà geometriche delle varietà reali e complesse". Palermo, 29 August - 4 **September** 1999 (with V. Ancona, R. Benedetti, P. De Bartolomeis, R. Grimaldi, A. Silva, G. Tomassini).
• "Gauge theories and calibrated geometries", Martina Franca, 16-05-2000/20-05-2000 (with V. Ancona, P. De Bartolomeis, A.M.Pastore), CIME.
• "Curvature in Geometry", Lecce, 11-06-2003/14-06-2003 (with R.Marinosci, D.Perrone, L.Nicolodi, E.Boeckx, G.Calvaruso).
• "Giornate di geometria reale e complessa", Rome, May 2005 (with S. Dragomir).
• "Global Analysis on Manifold", special session of the meeting "Mathematics and its Applications", Turin, July 3-7 2006 (with G.Besson and A.Savo).
• "Recent Advances in Geometry and Topolgy of Sumbanifolds", Roma, May 2008 (with L.Hauswirth, B.Nelli, L.Nicolodi, A.Savo.
• Scientific Committee of the "Mathematica User Group Meeting", University of Padova, September 2009.
• Scientific Committee of the "Mathematica User Group Meeting", University of Milan, September 2010.
• Scientific Committee of the "Mathematica User Group Meeting", University of Turin, September 2011.
• Scientific Committee of the "Mathematica User Group Meeting", University of Bologna, May 2013.
• "Varietà reali e complesse : geometria, topologia e analisi armonica". Pisa, February 2013 (with F. Ricci and F. Bracci).
• "Varietà reali e complesse : geometria, topologia e analisi armonica". Pisa, February 2014 (with F. Ricci and F. Bracci).
• "Workshop in memory of S. Console", Turin, February 2015 (with A.Fino, L.Vezzoni, S.Chiossi).
• "Varietà reali e complesse : geometria, topologia e analisi armonica". Pisa, February 2015 (with F. Ricci and F. Bracci).
• Scientific Committee of the "Mathematica User Group Meeting", University of Naples, May 2015.
•"Differential geometry and Topology", special session within the Conference of the Italian Mathematical Society, Siena, Septemper 2015.
• "New perspectives in differential geometry : special metrics and quaternionic geometry", Workshop Indam, Rome, November 2015 (with G. Gentili, A.Fino and A. Swann).

• "Modern problems of dynamical systems and their applications", Tasckent, Uzbekisan, May 1-3 2017.
• Scientific committee of the workshop "Varietà reali e complesse : geometria, topologia e analisi armonica". Pisa, February 2019 (with F. Ricci and F. Bracci).
- Scientific committee of the conference "Geometric Analysis, Submanifolds and Geometry of pde's ". Torino, September 2019 (with C.Arezzo, G.Besson, G.Manno, S.Salamon, C.L.Terng).
- Workshop "Discrete Harmonic Analysis and Differential Geometry days", Politecnico di Torino, September 24th-25, 2020 (Online), with D.Impera, G. Manno, M. Rimoldi, A.Tabacco, M. Vallarino.
- Scientific committee of the conference "Real and Complex Manifolds, the mathematical heritage of Edoardo Vesentini", Scuola Normale Superiore di Pisa, Pisa 29/06/2021-2/7/2021 (with F.Ricci, F.Bracci, C.Petronio and G. Gentili)
- Scientific committee of the conference "Real and Complex Manifolds : Topology, Geometry and Holomorphic dynamics". Roma, June 21-23, 2023 (with F. Bracci, D. Angella, P. Lisca, A. Tomassini, A. Fino). https://sites.google.com/unifi.it/manifolds-2023/.
- Scientific committee of the conference "Recent Advances in the Theory of Submanifolds, Rome, September 4-8, 2023 (with L. Hauswirth, P. Mira, B. Nelli, J. Pérez, M. Rodríguez, G.Tinaglia). https://sites.google.com/view/recentadvancessubmanifolds2023/home
- Workshop "Differential Geometry@Polito", November 2023 (with D.Impera, G.Manno, M.Rimoldi), https://sites.google.com/view/dgdpolito/home.
- Scientific committee of the conference "Gianfranco Carnati's Legacy : a meeting in Algebraic Geometry", 10-12 February, 2025 Politecnico di Torino (with E.Carlini, C.Ciliberto, P. Ellia, A.F.Lopez, E.Mezzetti, R.Notari, M.E. Rossi). https://sites.google.com/view/gclegacy/?pli=1
- Scientific committee of the conference "Cauchy-Rieamann Geometry and SubElliptic Theory ", 24-26 September 2025, Matera (with G.Calvaruso, A.M. Candela, G.Citti, F.Esposito, A.Malchiodi, A.Masiello, C.Medori, M.Pontecorvo, A.Tomassini) https://caurigest25.unibas.it/.

Grants and experiences in the coordination of research projects

•1996-1998 Coordinator of the project "Geometria reale e complessa", University of L'Aquila, Faculty research grant.
•1999-2004 Coordinator of the research project "Geometria dei sistemi integrabili" , University of L'Aquila, Faculty research grant.
•2004-2005 Coordinator of the research project "Funzionali geometrici e azioni di gruppi" , University of L'Aquila, Faculty research grant.
•1996-1997 Coordinator of the research project "Curvatura e Geometria" , University of L'Aquila and University of Leuven (Belgium), grant of the Italian National Science Foundation (CNR).
•1998-2002 Coordinator of the project "Sottovarietà e strutture speciali delle varietà reali e complesse", grant of the Italian office for the scientific research (MURST), Universities of L'Aquila, Palermo, Turin and Potenza.
•2002-2004 Coordinator of the project "Sottovarietà e strutture speciali delle varietà reali e complesse", grant of the Italian office for the scientific research (MIUR), Universities of L'Aquila, Palermo, Cagliari and Potenza.
•2005-2007 Coordinator of the project "Sottovarietà e strutture speciali delle varietà reali e complesse", grant of the Italian office for the scientific research (MIUR), Universities of L'Aquila, Palermo, Pescara, Rome III.

•2012-2015 Coordinator of the Turin node of the national project "Geometria delle varietà reali e complesse : geometria, topologia e analisi armonica", grant of the Italian office for the scientific research (MIUR).
•2015-2017 Coordinator of the Turin node of the national project "Geometria delle varietà reali e complesse : geometria, topologia e analisi armonica", grant of the Italian office for the scientific research (MIUR).
•2001-2003 Person in charge of a research fellowship of the Department of Mathematics of the University of L'Aquila.
•2002-2003 Person in charge of a research fellowship of the "European contract Human Potential Programme Research Training Network HPRN-CT-2000-00101.
•2011-2012 Person in charge of a research fellowship of the Department of Mathematics, Politecnico of Turin.
•2014-2015 Person in charge of a research fellowship of the MIUR project "Geometria delle varietà reali e complesse : geometria, topologia e analisi armonica".
•2017-2018 Person in charge of a research fellowship of the Department of Mathematics, Politecnico of Turin.

- 2015-2018 Person in charge for the Politecnico di Torino in the Erasmus+ project "Establishment of Computing Centers and Curriculum Develpments in Mathematical Engeenering Master programs" (consortium with the Universities of Santiago de Compostela (Spain), Primorska (Slovenia), Urgench, TTPU, BETI (Uzbekistan) KUS and IITU (Kazakhstan).
- 2018-2023 Coordinator of the Polito node of the MIUR project PRIN 2017 "Real and Complex Manifolds: Topology, Geometry and Holomorphic Dynamics" project 2017JZ2SW5.
- 2019-2021 Person in charge of a research fellowship of the Department of Mathematics, Politecnico of Turin founded by grant "Dipartimenti di Eccellenza 2018-2022", CUP: E11G18000350001, DISMA, Politecnico di Torino, Italy.
- 2020-2022 Person in charge of a research fellowship of the Department of Mathematics, Politecnico of Turin founded by MIUR project PRIN 2017 "Real and Complex Manifolds: Topology, Geometry and Holomorphic Dynamics" project 2017JZ2SW5.

Referee for

Acta Matematica Sinica
Advances in Geometry
Advances in Computational Mathematics
Annali di Matematica Pura ed Applicata
Annals of Global Analysis and Geometry
Atti del Seminario Matematico di Modena
Bulletin of the Belgian Mathematical Society
Bulletin of the London Mathematical Society
Bulletin of the Brasilian Mathematical Society
Bollettino dell'Unione Matematica Italiana
Czechoslovak Mathematical Journal
International Mathematics Research Notices
International Journal of Mathematics and Mathematical Sciences
Journal of Geometry
Journal of Geometry and Physics
Journal of Differential Geometry and its Applications
Journal of Fluid Mechanics

Journal of Mathematical Physics, Analysis, Geometry
Journal of Nonlinear Mathematical Physics
Journal of Physics A
Manuscripta Mathematica
Le Matematiche
Mathematical Reviews.
Mathematische Annalen
Note di Matematica,
Proceedings of the London Math. Society.
Proceedings of The Royal Society of Edinburgh
Rendiconti di Matematica dell' Università di Roma
Rendiconti del Seminario Matematico dell' Università e del Politecnico di Torino
Rendiconti di Matematica dell' Università di Padova.
Rendiconti del Circolo Matematico di Palermo
Rendiconti del Seminario matematico di Messina
Results in Mathematics
Revista Matematica Iberoamericana
Symmetry, Integrability and Geometry : Methods and Applications

Membership of editorial boards
2015-2018 Editorial committee "Rendiconti del Seminario Matematico" dell' Università e del Politecnico di Torino.
2018. - Editor in chief of "Rendiconti del Seminario Matematico" dell' Università e del Politecnico di Torino.

University Service
1991-1992 Member of the Senate of the University of Florence
1996-2007 Member of the Executive Committee of the Departments of Mathematics, University of L'Aquila.
1996-2005 Member of the Library Committee of the Faculty of Science, University of L'Aquila.
1997-2000 Member of the Committee of the Phd program in Mathematics, Universities of Rome II, L'Aquila, Cosenza.
2000-2008 Member of the Committee of the Phd program in Mathematics, University of L'Aquila.
2009-2014 Member of the Committee of the Phd program in Mathematics, Politecnico of Turin.
2014-2017 Member of the Committee of the Phd program in Mathematics, Politecnico and University of Turin.
2010-2018 Person in charge of the didactical activities in Geometry at the Politecnico of Turin.
2009-2020 Member of the committee for the resource planning of the Department of Mathematical Sciences, Politecnico of Turin.
2012-2019 Representative of the Department of Mathematical Sciences in the Open Acces committee of the Politecnico of Turin.
2015-2018 Person in charge of the didactical activities of the Department of Mathematical Sciences at the Politecnico of Turin.

Memberships to Scientific Organizations

1985 - Member of the “Unione Matematica Italiana”
1991 - Affiliated researcher with the “Istituto nazionale di Alta Matematica F. Severi”, research group GNSAGA
1996 - Member of the “Scuola Matematematica Interuniversitaria” (SMI).
2021 - Member of the Board of the Inter-University Consortium CIAFM, “Consorzio Interuniversitario per l'Alta Formazione in Matematica”.

Expertise as evaluator of research programs and tenures

•1997 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of L'Aquila.
•1999 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Sassari.
•1999 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Bologna.
•2004 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Bari.
•2005 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Palermo.
•2010 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Brescia.
•2010-2011 Evaluator of Research projects for the University of Milan.
•2011 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Milan.
•2012 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Turin.
•2012 Evaluator of the National Autority for Scienfic Research, Rumania.
•2012 Member of a Committee for the degree “Habilitation à diriger les recherches”, Ecole Doctorale des Facultès des Sciences, Universitè de Sophia-Nice-Antipolis.
•2014 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Turin.
•2014 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Salento.
•2015 Member of a Tenure and Promotion Committee of the Department of Mathematics, Politecnico of Turin.
•2015 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Turin.
•2015 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Florence.
•2015 Evaluator of Research projects for the University of Florence.
•2010-2014 Evaluator of Research projects FIRB and FIR for the “Ministero dell’Istruzione, dell’Universita’ e della Ricerca Scientifica” (MIUR)
•2016 Member of a Tenure and Promotion Committee of the Department of Mathematical Science, Politecnico of Turin.
•2017 Member of a Tenure and Promotion Committee of the Department of Mathematics and Informatics, University of Cagliari.
•2018 Evaluator of Research projects for the University of Florence.

•2018 Member of a Tenure and Promotion Committee of the Department of Mathematical Science, Politecnico of Turin.
•2019 Member of a Tenure and Promotion Committee of the Department of Mathematical Science, Politecnico of Turin.
•2019 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of l'Aquila.
•2020 Member of a Tenure and Promotion Committee of the Department "Scienze di Base e Applicate per l'Ingegneria", University of Rome "La Sapienza".
• 2020 SIMAI-Indam committee member for the award on the best doctoral theses
• 2020 Evaluator of Research projects for the Executive Agency for Higher Education, Research, Development and Innovation Founding (Romania)
• 2021 Evaluator of PRIN projects 2020 of "Ministero dell'Universita' e della Ricerca Scientifica" (MUR)
• 2021 Member of a Tenure and Promotion Committee of the Department "G. Peano", University of Torino.
• 2021 Member of the evaluation committee for the final discussion of the Phd Thesis of Dr. Francesco Esposito, Dottorato di ricerca in Matematica ed Informatica, Università del Salento
• 2021 Evaluator for "Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca Valutazione della Qualità della Ricerca" 2015-2019
• 2021 Member of a Tenure and Promotion Committee of the Department "G. Peano", University of Torino.
• 2021 Member of a Tenure and Promotion Committee of the Department "Mathematical Sciences L.Lagrange", Politecnico of Torino.
• 2021 Evaluator of Research projects for the Executive Agency for Higher Education, Research, Development and Innovation Founding (Romania).
• 2021 Member of a Tenure and Promotion Committee of the Department of Mathematics, University of Bari.
• 2021 Member of a Tenure and Promotion Committee of the Department of Mathematics and Informatics "U. Dini", University of Florence.
• 2022 Member of a Tenure and Promotion Committee of the Department of Mathematics "R. Caccioppoli", University of Naples.
• 2022 Evaluator of Research projects for the Banff International Research Station (Canada).
• 2023 Evaluator of Research projects Giovani Ricercatori "Rita Levi Montalcini" (MIUR).
• 2024 Member of a Tenure and Promotion Committee of the Department Mathematical Sciences "l:agrange", Politecnico of Torino.
• 2025 Member of the evaluation committee for the final discussion of the Phd Thesis of E Fusi, Pure and Applied Mathematics, Politecnico di Torino.
• 2025 Member of the evaluation committee for the final discussion of the Phd Thesis of A. Mainetti, Pure and Applied Mathematics, Politecnico di Torino.

Research Visits
1983-1985 Washington University, St. Louis, Missouri.
1986-1987 Washington University, St. Louis, Missouri
1994 MRSI, Berkeley.
1996 Washington University, St. Louis, Missouri.
1997 Washington University, St. Louis, Missouri.
1999 Professeur invité Laboratoire Dieudonné, Nice.

2000 Laboratorie Dieudonné, Nice.
2001 Professeur invité, Laboratorie Dieudonné, Nice.
2006 Department of Mathematics, University of Wien.
2006 IMA, Minneapolis, Minnesota.
2007 Department of Mathematics, University of Wien.
2008 Department of Mathematics, Washington University, St.Louis, Missouri.
2010 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2011 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2012 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2013 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2014 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2015 Department of Mathematics, College of Charleston, Charleston, South Carolina.
2015 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2016 Korea Institute for Advanced Study
2016 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2017 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2018 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2019 Department of Mathematics, College of Charleston, Charleston, South Carolina.
2019 Visiting Professor, TTPU University, Tashkent, Uzbekistan.
2023 Texas Tech University Center in Sevilla, Spain (July 2023).

Speaking Invitations

•"Bach's Equations", Geometry seminar, Washington University, Missouri USA 1987.
•"Curve complesse nella sfera a sei dimensioni", Conference Unione Matematica Italiana, Turin, 1987.
•"Immersioni minimali di S2 nello spazio simmetrico G2/SO(4)", Workshop on Differential Geometry and Topology, Cala Gonone, 1988.
•"Pseudoholomorhic curves in the six sphere", Workshop in Twistor Geometry and related topics, Cortona, 1988.
•"Varietà Pseudohermitiane omogenee", Seminario di geometria, Turin, 1989.
•"Four dimensional conformal manifolds with harmonic curvature", Curvature Geometry Workshop, University of Lancaster, 1989.
•"Homeogeneous Pseuhohermitian manifolds", Séminaire A. Besse, Ecole Polytechnique, Palaiseau 1989.
•"Homogenoeus Kaehler manifolds", Seminario di geometria, University of Florence 1989.
•"Gruppi di traformazioni delle varietà di Cauchy-Riemann", Seminario di geometria, University of Florence 1990.
•"Groups with polynomial growth and differential geometry", NATO advanced study institute "Generators and Relations in Groups and Geometry", Castelvecchio Pascoli, 1990.
• "Problemi di equivalenza e di rigidità delle sottovarietà in spazi omogenei", Giornate di Topologia e Geometria delle Varietà, University of Bologna, 1990.
•"Rigidity problems for hypersurfaces in complex projective spaces", Workshop on Riemannian Geometry, Han-sur-Lesse, 1992.
•"Extremal curves of the conformal arclength functional", Symplectic Topology, Cortona 1992.
•"Deformation of surfaces in Lie sphere geometry", Metriche Invarianti e questioni connesse nella Geometria Differenziale e nell'Analisi Complessa, Cortona, 1993.

•"Un problema variazionale per superficie nella geometria di Laguerre", Seminario di geometria, Politecnico of Turin 1994.
•"A variational problem for surafces in Laguerre Geometry", Geometry Seminar, Washington University 1994.
•"Laguerre Geometry of Surfaces", Seminario di geometria, University of Florence 1994.
•"A variational problem for surfaces in Laguerre geometry", Workshop on Differential Systems, Submanifolds and Control Theory, MRSI Berkeley, 1994.
• "Inviluppi di Willmore", Seminario di geometria, University of Rome 1996.
•"Willmore envelopes", Geometry Seminar, Washington University 1996.
•"Isothermic Surfaces", Colloquium of the Department of Mathematics, Washington University 1996.
•"Geometria delle superficie L-isoterme", Seminario di geometria, University of Florence 1997.
•"Aspetti geometrici della teoria delle superficie isoterme", Seminario di geometria, Turin 1997.
•"Laguerre Geometry", Colloquium of the department of Mathematics, Washington University 1997.
• "Deformation of surfaces in Laguerre Geometry", Geometry seminar Washington University 1997.
•"Surfaces in Laguerre Geometry", Workshop on recent topics on Differential geometry, Santiago de Compostela, 1997.
• "Geometria delle Superficie Isoterme", Seminario di geometria, University of Messina 1998.
•"Deformation of Willmore canal tori ", International Conference in Honor of P.Calapso, Messina 1998.
• "Exterior Differential systems and the Calculus of Variations", Séminaire de géometrie et analyse, University of Nice 1999.
• "Moment map and integrability of a variational problem for Legendrian curves in the three-dimensional sphere", Séminaire de géométrie et analyse, University of Nice 1999.
•"Geometry of isothermic Surfaces", Séminaire de géométrie et analyse, University of Nizza, June 2000.
•"Geometry of isothermic Surfaces", Conference in the memory of A. Gray, Bilbao, September 2000.
•"Deformazioni spettrali e trasformazioni di Darboux delle superficie isoterme", Colloquium of the Math. Dept. University of Turin, February 2001.
•"An introduction to the theory of exterior differential systems", Séminaire de géométrie et analyse, University of Nice, May 2001.
•"Involutivity of exterior differential systems and the Cartan-Kuranishi theorem", Séminaire de géométrie et analyse, University of Nice, May 2001.
•"The Cartan-Kaehler theorem", Séminaire de géométrie et analyse, University of Nice, May 2001.
•"Moment map and Liouville integrability of a variational problem for Legendrian curves in the three-dimensional sphere", Séminaire Controle et Identification, INRIA, Sophia-Antipolis, May 2001.
•"Special isothermic surfaces", Séminaire de géométrie et analyse, University of Nice, October 2001.
•"Deformation of Surfaces in Lie Sphere Geometry", EDGE mid-term Summer School , Edinburgh, august 2002.
•"Deformazione delle superfici nella quadrica di Lie", Seminario di Analisi Complessa, University of Rome Tor Vergata, december 2002.

•"Superfici L-minimali : un invito alla geometria sferica di Lie", Seminario di Geometria, University of L'Aquila, march 2003.
•"Problemi variazionali coisotropi", Seminario di Geometria, University of Lecce, june 2004.
•"Tableux over Lie Algebras, Integrable Systems and Classical Surface Theory", Workshop Differential Geometry, Karatsu, Japan, october 2005.
•"Colors and Mathematics", International Conference Generative Art 2005, Milan, Italy, December 2005.
•"Isotropic curves in SL(2,R) and in SL(2,C)", Seminario di Geometria, University of Pavia, March 2007.
•"Isotropic curves in SL(2,R) and in SL(2,C)", workshop “Geometria differenziale a Parma”, Parma, April 2007.
•"Holomorphic curves in SL(2,C) and surfaces in Hyperbolic space", international conference “Recent advances in Differential Geometry” in honour of O. Kowalski, Lecce, June 2007.
• “Point and line to Plane” , 7th International Conference Aplimat 2008, Bratislava, February 2008.
• "Differential Signature of closed plane curves",Giornata di Geometria in memoria di A.Sanini, Politecnico di Torino, Giugno 2008.
• "Esperimenti sulla Geometria dei Tori di Hopf", Mathematica user group meeting, Novembre 2008, Universita' di Roma 3.
• "Esperimenti sulla Geometria dei Tori di Hopf", Seminario di Geometria, Novembre 2008, Dipartimento di Matematica E. De Giorgi, Universita' di Lecce.
• "Soluzioni “pulsanti” dei moti di Goldstein-Petrich", Mathematica user group meeting, University of Padova, September 2009 .
• "Congruence curves of the Goldsetin-Petrich folw", A Harmonic Map fest, intenational conference in honour of J.C.Wood, Cagliari 2009 .
• "Linear Control Systems on Lie groups", International Conference in honour of Renata Grimaldi, Palermo Giugno 2010.
• "Variazioni su un tema di Hadamard", Mathematica user group meeting, University of Milan, September 2010 .
• "Linear Control Systems on Lie groups", Colloquim of the Math. Dept. National University, Taschkent, Uzbekistan, February 2011.
• "Local motions of curves in projective plane inducing the Kaup-Kupershmidt hierarchy", Foundation of computational Mathematics, Budapest, July 2011.
• "Conformal Strings", Geometry Seminar, Dipartimento di Scienze Matematiche, Politecnico of Turin, May, 2012.
• "Conformal Strings", Geometry Seminar, Dipartimento di Matematica “U. Dini”, University of Florence, May, 2012.
• "Conformal Strings", Geometry Seminar, Dipartimento di Matematica, University of Parma, June, 2012.
• " Conformal arc-length functional”, International Conference on Mathematical Modeling in Physical Sciences, 3-7 July 2012 Budapest.
• "Conformal Strings", Geometry Seminar, Tashkent Turin Polithecnic University, Tashkent, October 2012.
• "Filippo Brunelleschi e le chiese basilicali di Firenze", 12^a Settimana della Lingua italiana nel mondo, Univeristy of World Economy and Diplomacy, Tashkent, Uzbekistan, October 2012.
• "Quantizzazione classica di problemi variazionali invarianti", Workshop su varietà reali e complesse : geometria, topologia e analisi armonica, Pisa, Febbraio 2013.

• "Elicoidi pseudosferici", Mathematica user group meeting, University of Bologna, May 2013.
• "Pseudospherical helical fronts", Siam conference on Applied Algebraic Geometry, Fort Collins, Colorado, August 2013.
• "Costruire lo spazio e misurare il tempo", 13^a Settimana della Lingua italiana nel mondo, Univeristy of World Economy and Diplomacy, Tashkent, Uzbekistan, October 2013.
• "Conformal Geometry of a Time-Like curve in the (2+1)-dimensional Einstein Universe ", Actual Problems of Geometry and its Applications, Tashkent, Uzbekistan, October 2014.
• "Conformal Geometry of a Time-Like curve immersed in the (2+1)-dimensional Einstein Universe", Colloquium of the Math. Department, College of Charleston, South Carolina, February 2015.
• "Build the space and measure the time", Math+ Seminars, Math. Depatment, College of Charleston, South Carolina, February 2015.
• "Complex conformal geometry and hypersurfaces in complex projective space", Geometry Seminar, Korea Institute for Advanced Study, June 2016.
• "Conformal geometry of time-like curves in the (1+2)-dimensional Einstein universe", Workshop on Geometry of Lagrangian Grassmannians and nonlinear PDE's, IMPAN, Warsaw, 5-9 Sept. 2016.
• "Minding Surfaces and pseudo-spherical twisetd columns", Workshop on Riemannian and complex geometry, Parma, 19-20 Sept. 2016.
• "Pseudo-spherical surfaces and topologically embedded pseudo-spherical cylinders", conference "Modern problems of dynamical systems and their applications", Tasckent, Uzbekisan, May 1-3 2017
• "Conformal differential invariants of a time-like curve with applications to a conformally invariant variational problem", conference "Foundations of computational mathematics", Barcellona, Spain, July 13-16, 2017.
• "Variazioni sulle sperfici di Scherk",Wolfram Technology tour Italia, Torino, Italy, September 21, 2017.
• "The cr-strain functional for Legendrian curves in S^3", Differential Geometry Workshop 2018, 12-14 September, Cagliari.
• "Cauchy-Riemann Geometry of transversal knots in the three-sphere", Colloquium of the Math. Department, College of Charleston, South Carolina, May 2019.
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- "Isotropic curves in the complex quadric", BIRS Workshop : Moving Frames and their Modern Applications, Banff (Alberta, Canada) November 21-26 - 2021.
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