UNIVERSITÀ DEGLI STUDI DI MILANO
selezione pubblica per n.1 posto/i di Ricercatore a tempo determinato in tenure track (RTT)
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Andrea Galasso
CURRICULUM VITAE

INFORMAZIONI PERSONALI

COGNOME	GALASSO
NOME	ANDREA
DATA DI NASCITA	11/12/1991

TITOLI

TITOLO DI STUDIO

Università Cattolica del Sacro Cuore	**Brescia, Italy**
Master's Degree in Mathematics with highest score cum laude	*Oct 2013 – Jul 2015*
Thesis: *Geometric Quantization and Landau Levels*	
Advisor: Prof. Mauro Spera, Co-Advisor: Prof. Giuseppe Nardelli	
Università Cattolica del Sacro Cuore	**Brescia, Italy**
Bachelor's Degree in Mathematics with highest score cum laude	*Sep 2010 – Sep 2013*
Thesis: *Two different approaches to tunneling problems*	
Advisor: Prof. Fausto Borgonovi, Co-Advisor: Prof. Giulio Giusteri	

TITOLO DI DOTTORE DI RICERCA O EQUIVALENTI, OVVERO, PER I SETTORI INTERESSATI, DEL DIPLOMA DI SPECIALIZZAZIONE MEDICA O EQUIVALENTE, CONSEGUITO IN ITALIA O ALL'ESTERO

Università degli Studi di Pavia & Milano-Bicocca	**Milan, Italy**
Ph.D. in Mathematics, Defense: Università di Milano-Bicocca, 14th of December	*Nov 2015 – Oct 2018*
Thesis: *Non Abelian Asymptotics of Szegő Kernels on Compact Quantized Manifolds*	
Advisor: Prof. Roberto Paoletti	
I have spent 3 months at Université du Luxembourg under the supervision of Prof. Martin Schlichenmaier	

CONTRATTI DI RICERCA, ASSEGNI DI RICERCA O EQUIVALENTI

Università degli Studi di Milano-Bicocca	**Milan, Italy**
Postdoctoral Researcher	*October 2022 – September 2024*
From 12/07/2023 to 12/08/2023 at Mathematics Institute of the Universität zu Köln founded by	
"Borsa per l'estero dell'Istituto Nazionale di Alta Matematica (INdAM)"	
National Center for Theoretical Sciences	**Taipei, Taiwan**
Postdoctoral Researcher	*March 2020 – August 2022*
From 01/08/2022 to 31/08/2022 at Bergische Universität Wuppertal, Germany	
Università degli Studi di Milano-Bicocca	**Milan, Italy**
Postdoctoral Researcher (Progetto ID 2018-ATESP-066)	*March 2019 – February 2020*

ATTIVITÀ DIDATTICA A LIVELLO UNIVERSITARIO IN ITALIA O ALL'ESTERO

···································**At Università Cattolica del Sacro Cuore**··································

Istituzioni di Geometria Superiore (Teaching Assistant)   **Hours: 15+15**
Master's Degree in Mathematics   *A.Y. 2018/2019 & 2019/2020*
Teacher: Prof. Mauro Spera

···························**At Università degli Studi di Milano-Bicocca**···························

Algebra Lineare e Geometria (Teaching Assistant)   **Hours: 24+ 24**
Bachelor's Degree in Mathematics   *A.Y. 2022/2023 & 2023/2024*
Teacher: Prof. Michele Rossi

Algebra Lineare e Geometria (Teaching Assistant)   **Hours: 24+24**
Bachelor's Degree in Mathematics   *A.Y. 2016/2017 & 2017/2018*
Teacher: Prof. Sonia Brivio

Geometria II (Tutoring)   **Hours: 30**
Bachelor's Degree in Mathematics   *A.Y. 2015/2016*
Teacher: Prof. Roberto Paoletti

General Mathematics (Tutoring)   **Hours: 26 + 16**
Bachelor's Degree in Scienze dell'Organizzazione (SCOR)   *A.Y. 2015/2016 & 2017/2018*
Teacher: Prof. Marina Pireddu

DOCUMENTATA ATTIVITÀ DI FORMAZIONE O DI RICERCA PRESSO QUALIFICATI ISTITUTI ITALIANI O STRANIERI;

During my Ph.D. I have spent 3 months at Université du Luxembourg under the supervision of Prof. Martin Schlichenmaier.
From 01/08/2022 to 31/08/2022 I have been at Bergische Universität Wuppertal, Germany to discuss with Dr. Hermann Hendrik.
From 12/07/2023 to 12/08/2023 I have been at Mathematics Institute of the Universität zu Köln founded by "Borsa per l'estero dell'Istituto Nazionale di Alta Matematica (INdAM)".

ATTIVITÀ DI RELATORE A CONGRESSI E CONVEGNI NAZIONALI E INTERNAZIONALI

1 May 2021: Title: *G-Invariant Toeplitz operators on CR manifolds*
21-st Taiwan Geometry Symposium
https://sites.google.com/view/21st-symposium/
27-30 Apr 2021: Title: *Nuclei di Szegő e azioni di gruppi*
Giornate di Geometria Algebrica e argomenti correlati XV
http://users.mat.unimi.it/users/alzati/gargnano2020/index.html

I gave talks at the following Universities: Mathematics Institute of the Universität zu Köln (Germany), Bergische Universität Wuppertal (Germany), Academia Sinica (Taipei), Università Cattolica del Sacro Cuore (Brescia), Université du Luxembourg (Luxembourg).
I gave short talks in the following conferences: HAYAMA Symposium on Complex Analysis in Several Variables XXIII, GEOQUANT Geometry \& Quantization International Conference.

PRODUZIONE SCIENTIFICA

PUBBLICAZIONI SCIENTIFICHE
(per ciascuna pubblicazione indicare: nomi degli autori, titolo completo, casa editrice, data e luogo di pubblicazione, codice ISBN, ISSN, DOI o altro equivalente)

- *Commutativity of quantization with conic reduction for torus actions on compact CR manifolds*
  Annals of Global Analysis and Geometry 65, 4 (2024)
  DOI: https://doi.org/10.1007/s10455-023-09931-y
- *Remarks on star products for non-compact CR manifolds with non-degenerate Levi form*
  Bulletin of the Institute of Mathematics Academia Sinica 18, 3 (2023)
  DOI: https://doi.org/10.21915/BIMAS.2023303
- (with Chin-Yu Hsiao) *Toeplitz operators on CR manifolds and group actions*
  The Journal of Geometric Analysis 33, 21 (2023)
  DOI: https://doi.org/10.1007/s12220-022-01078-9
- *Equivariant fixed point formulae and Toeplitz operators under Hamiltonian torus actions and remarks on equivariant asymptotic expansions*
  International Journal of Mathematics 33, 2 (2022)
  DOI: https://doi.org/10.1142/S0129167X22500112
- (with Roberto Paoletti) *Equivariant Asymptotics of Szegő kernels under Hamiltonian SU(2)-actions*
  Asian Journal of Mathematics 24, 3 (2020)
  DOI: https://doi.org/10.4310/AJM.2020.v24.n3.a6
- (with Roberto Paoletti) *Equivariant Asymptotics of Szegő kernels under Hamiltonian U(2)-actions*
  Annali di Matematica Pura e Applicata 198, 2 (2019)
  DOI: https://doi.org/10.1007/s10231-018-0791-3
- (with Mauro Spera) *Remarks on the geometric quantization of Landau levels*
  International Journal of Geometric Methods in Modern Physics 13, 10 (2016)
  DOI: https://doi.org/10.1142/S021988781650122X

....**Conference proceedings**...

- (with Roberto Paoletti) *Hamiltonian U(2)-actions and Szegő kernel asymptotics*
  IOP Conf. Series: Journal of Physics: Conf. Series, Vol. 1194 (2019)
  DOI: https://doi.org/10.1088/1742-6596/1194/1/012035

Preprints

- *Asymptotic immersions of conic reductions*
  preprint: arXiv:2301.06912
- (with Chin-Yu Hsiao) *Embedding theorems for quantizable pseudo-Kähler manifolds*
  preprint: arXiv:2209.10269
- (with Chin-Yu Hsiao) *On the singularities of the Szegő kernels on CR orbifolds*
  preprint: arXiv:2208.03690
- (with Chin-Yu Hsiao) *Functional calculus and Quantization commutes with reduction for Toeplitz operators on CR manifolds*
  preprint: arXiv:2112.11257

Other Projects and Organization Activity

11-12 Sept. 2023: Organization of the conference Geometria in Bicocca
https://geometryinbicocca.matapp.unimib.it/
Feb.-May 2023: Organization of a biweekly seminar cycle "Geometry & Topology seminars at Unimib" with Gianluca Faraco. The seminar cycle concerns research talks by Postdocs and early researchers in Mathematics
https://sites.google.com/unimib.it/geometryatbicocca
2016-2018: Organization of the seminar cycle "*Insalate di Matematica*", promoted by Dept. of Mathematics and Applications, Università degli Studi di Milano-Bicocca

The seminar cycle concerns informal talks by Ph.D. Students and early researchers in Mathematics
Mar. 2017: Book's chapter: "*Elogio della mente a Brescia*" in *Alice & Bob* n. 49, I Giochi di Martin Gardner

20 October 2017: Popularization's talk for "Celebration of Mind" having title "*Piastrelle Pentagonali*", Università Cattolica del Sacro Cuore, Brescia
http://elogiodellamente.dmf.unicatt.it/2017/index.html.it
Jan. 2015-2016: "Chiedi all'esperto", as a part of a group of experts trying to answer questions about people's scientific curiosity
https://www.vialattea.net/content/home-ce/
Jan. 2013-2020: Training lessons for Mathematics competitions
http://www.disfida.it/allenamenti/

Other work experiences

I.I.S.S. C.Golgi, Via Rodi, 16 - Brescia
Secondary School Teacher *Oct 2018 – February 2019*

AmbienteParco impresa sociale S.r.l., Largo Torrelunga, 7 - 25121 Brescia
Scientific popularizer *2012/2015*

Language skills

Italian (mother tongue), **English**, **Mandarin Chinese** (Basic)

Computer skills

Languages: C, LaTeX.

Further information

Scolarships and prizes

Premio Don Bartolomeo Grazioli
Prize for Master's Degree Thesis *2015*
Borsa di Studio "Maria Teresa Ambrosetti"
Mathematics Scholarship *2011/2015*

Other activities

Reviewer for ZbMATH, https://zbmath.org/

Data	17/01/2024

Luogo	Milano