ALLEGATO B

UNIVERSITÀ DEGLI STUDI DI MILANO
selezione pubblica per n.1 posto/i di Ricercatore a tempo determinato in tenure track (RTT)
per il settore concorsuale 01/A2,
settore scientifico-disciplinare MAT/03
presso il Dipartimento di Matematica Federigo Enriques,
Codice concorso 5467

Lorenzo Ruffoni
CURRICULUM VITAE

INFORMAZIONI PERSONALI (NON INSERIRE INDIRIZZO PRIVATO E TELEFONO FISSO O CELLULARE)

COGNOME	RUFFONI
NOME	LORENZO
DATA DI NASCITA	04/05/1989

TITOLI

TITOLO DI STUDIO

Laurea Triennale in Matematica, Università di Bologna, 2011
Laurea Magistrale in Matematica, Università di Bologna, 2013
Licenza del Collegio Superiore, Università di Bologna, 2013

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

Dottorato di Ricerca in Matematica, Università di Bologna, 2017

CONTRATTI DI RICERCA, ASSEGNI DI RICERCA O EQUIVALENTI

Assegno di Ricerca, Università di Bologna, 2017/2018 (1 anno)
Visiting PhD Student, Ecole Normale de Paris, 2015/2016 (6 mesi)
Visiting Research Scholar, Yale University (USA), 2017/2018 (4 mesi)

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

Dean's Postdoctoral Scholar, Florida State University (USA), 2018-2021 (attività di ricerca, e due corsi per semestre, inclusi due corsi per il dottorato in matematica)
Norbert Wiener Assistant Professor, Tufts University (USA), 2021-2024 (attività di ricerca, e tre corsi per anno, incluso un corso per il dottorato in matematica)

ATTIVITÀ DI RELATORE A CONGRESSI E CONVEGNI NAZIONALI E INTERNAZIONALI

Joint Math Meeting, Special Session in Geometric Group Theory, San Francisco, 2024
Topology and Geometric Group Theory Seminar, Cornell University (USA), 2023.
Algebra/Topology Seminar, University at Albany (USA), 2023.
Geometry of Subgroups, Centre de recherches mathematiques, Montreal (Canada), 2023.
Geometry and Topology Seminar, Bowdoin College (USA), 2023.
Geometry Seminar, University of Virginia (USA), 2023.
Geometry and Topology seminars at Unimib, Università di Milano-Bicocca (Italy), 2023.
Geometric Topology Seminar, Columbia University (USA), 2023.
Mathematical Sciences Department Colloquium, Worcester Polytechnic Institute (USA), 2022.
Topology Seminar, University of Wisconsin at Milwaukee (USA), 2022.
Topology Seminar, University of Texas at Austin (USA), 2022.
Geometry and Topology Seminar, Warwick (UK), 2022.
Geometry and Topology Seminar, Georgia Tech (USA), 2022.
Brandeis Topology Seminar, Brandeis University (USA), 2021.
Topology Seminar, Osaka University (Japan), 2021.
Geometry & Topology Seminar, Indian Institute of Science (India), 2021.
Columbia Geometric Topology Seminar, Columbia University (USA), 2021.
Algebra/Topology Seminar, University of Copenhagen (Denmark), 2021.
Geometry and Topology Seminar, University of Bristol (UK), 2020.
Geometric aspects of Higgs bundles, Oregon (USA), 2019.
Higher Teichmuller Theory and Related Topics, University of Pavia (Italy), 2019.
Geometric Group Theory Seminar, The Ohio State University (USA), 2018.
Geometry and Topology Seminar, Yale University (USA), 2018.
Moduli Spaces, Ventotene (Italy), 2017.
Geometry Seminar, Heidelberg (Germany), 2017
Geometry and Topology Seminar, Luxembourg, 2017.
Journees Isomonodromie, Strasbourg (France), 2017.

CONSEGUIMENTO DI PREMI E RICONOSCIMENTI NAZIONALI E INTERNAZIONALI PER ATTIVITÀ DI RICERCA
(inserire premio, data, ente organizzatore, ecc.)

National Science Foundation-DMS 2309427, “Groups, Actions, and Geometries” conference. 2023

Marie Curie Alumni Association Micro-Grant, 2023.

American Mathematical Society-Simons Foundation, AMS-Simons Travel Grant, 2021.

Postdoctoral Undergraduate Research Mentor Award, Florida State University, 2020.

Postdoctoral Scholars Career Development Travel Award, Florida State University, 2020.

Marco Polo Fellowship, Università di Bologna, 2015.

PRODUZIONE SCIENTIFICA

PUBBLICAZIONI SCIENTIFICHE

APPARSI IN RIVISTA:

L. Ruffoni, Multi(de)grafting quasi-Fuchsian complex projective structures via bubbles. Differential Geom. Appl. 64 (2019), 158–173. https://doi.org/10.1016/j.difgeo.2019.02.008

G. Faraco, L. Ruffoni, Complex projective structures with maximal number of Möbius transformations. Math. Nachr. 292 (2019), no. 6, 1260–1270. https://doi.org/10.1002/mana.201700371

F. Tripaldi, L. Ruffoni, Extending an example by Colding and Minicozzi. J. Geom. Anal. 30 (2020), no. 1, 1028–1041. https://doi.org/10.1007/s12220-019-00177-4

E. M. Barquinero, L. Ruffoni, K. Ye, Graphical splittings of Artin kernels. J. Group Theory 24 (2021), no. 4, 711–735. https://doi.org/10.1515/jgth-2020-0124

L. Ruffoni, Bubbling complex projective structures with quasi-Fuchsian holonomy. J. Topol. Anal. 13 (2021), no. 3, 843–887. https://doi.org/10.1142/S1793525320500326

S. Francaviglia, L. Ruffoni, Local deformations of branched projective structures: Schiffer variations and the Teichmüller map. Geom. Dedicata 214, 21–48 (2021). https://doi.org/10.1007/s10711-021-00601-6

L. Ruffoni, Manifolds without real projective or flat conformal structures. Proc. Amer. Math. Soc. 151 (2023), 3611-3620. https://doi.org/10.1090/proc/16293

IN STAMPA:

S. Ballas, P. Bowers, A. Casella, L. Ruffoni, Tame and relatively elliptic CP1-structures on the thrice-punctured sphere. In stampa in Algebr. Geom. Topol., arXiv: https://arxiv.org/abs/2107.06370

Y.-C. Chang , L. Ruffoni, A graphical description of the BNS-invariants of Bestvina-Brady groups and the RAAG recognition problem. In stamp in Groups Geom. Dyn., arXiv: https://arxiv.org/abs/2212.06901

ARXIV PREPRINT:

J.-F. Lafont, L. Ruffoni, Special cubulation of strict hyperbolization, arXiv: https://arxiv.org/abs/2206.03620

J.-F. Lafont, L. Ruffoni, Relative cubulation of relative strict hyperbolization (with an appendix by D. Groves and J. F. Manning), arXiv: https://arxiv.org/abs/2304.14946

P. Bowers, L. Ruffoni, Infinite circle packings on surfaces with conical singularities, arXiv: https://arxiv.org/abs/2305.03505

ESPERIENZA DIDATTICA

Calculus 2, Florida State University, Tufts University, 2018-2019-2020-2021-2022-2023-2024

Topologia generale (dottorato), Florida State University, 2020.

Topologia algebrica (dottorato), Florida State University, 2021.

Topologia algebrica 2 (dottorato), Tufts University, 2023.

Introduzione alla teoria degli insiemi e logica matematica, Florida State University 2021, Tufts University 2022, 2024.

SUPERVISIONE DI TESI E PROGETTI DI RICERCA PER STUDENTI

A geometric understanding of Baumslag-Solitar groups (Summer Scholars, Tufts, 2023).

Classifying 2-Generator 1-Relator Groups (Honors thesis, Bentley University, 2022).

Quadratic differentials on Riemann surfaces (DRP, Tufts, 2021).

Computational Aspects of Geometric Group Theory (REU, Tufts, 2021).

Visualizing triangular structures on the sphere (UROP, FSU, 2020-2021).

Abelian splittings of right–angled Artin groups and subgroups (Honors thesis, FSU, 2020).

Right-angled Artin groups and their kernels (UROP, FSU, 2019-2020).

ORGANIZZAZIONE DI EVENTI

Groups, Actions, and Geometries Conference, Tufts University, 2023.

Subgroups in Nonpositive Curvature, Special session at the AMS 2022 Spring Eastern Sectional Meeting, Tufts University, 2023.

Geometric Group Theory and Topology Seminar at Tufts, 2021-2024.

Interactions Between Algebra, Geometry and Topology in Low Dimensions Special session at the AMS 2020 Fall Southeastern Sectional Meeting, University of Tennessee at Chattanooga, 2020.

Career Development Workshop, Florida State University, 2020.

UF/FSU Topology and Geometry Meeting, Florida State University, 2019.

Perspectives in Physical Mathematics, Università di Bologna, 2014.

Data 16/1/2024 Luogo Boston, USA