



AL MAGNIFICO RETTORE
DELL'UNIVERSITA' DEGLI STUDI DI MILANO

COD. ID:

Il sottoscritto chiede di essere ammesso a partecipare alla selezione pubblica, per titoli ed esami, per il conferimento di un assegno di ricerca presso il Dipartimento di _____
_____Matematica_____

Responsabile scientifico: _____Prof. Lorenzo Luperi
Baglini_____

[Nome e cognome]

CURRICULUM VITAE

INFORMAZIONI PERSONALI

Cognome	Lavi
Nome	Noa

OCCUPAZIONE ATTUALE

Incarico	Struttura

ISTRUZIONE E FORMAZIONE

Titolo	Corso di studi	Università	anno conseguimento titolo
Laurea Magistrale o equivalente			
Specializzazione			
Dottorato Di Ricerca	Matematica	Hebrew University of Jerusalem, Israel	2018
Master	Matematica	Ben Gurion University of the Negev	2010
Diploma Di Specializzazione Medica			
Diploma Di Specializzazione Europea			
Altro			



LINGUE STRANIERE CONOSCIUTE

lingue	livello di conoscenza
Hebrew	Mother Tongue
English	Excellent
Italian	Very good
Spanish	Very good
German	Good
French	Good
Portuguese	Moderate
Arabic	Basic
Russian	Basic

ATTIVITÀ DI FORMAZIONE O DI RICERCA

descrizione dell'attività

March 2021 - Jun 2022 Università di Camerino, Assegno di ricerca

Oct 2018 - Oct 2019 Politecnico di Torino, Assegni di ricerca

October - December 2019 Teaching in Italian a phd course in logic at the university of Florence (joint with Prof. Antongiulio Fornasiero).

2013 - 2018 March Lecturer in the open university, Israel. Teaching courses: Mathematical logic, Automates and formal languages, Data structures and introduction to algorithms, Algorithms, Introduction to the theory of computability and complexity, Introduction to computer science. More than 900 hours of frontal teaching. Moreover, the position included student support as grading e.c.

2012 - 2013 fall The Hebrew university in Jerusalem, Israel. Teaching assistant in undergraduate course: Mathematical logic

Sept - Oct 2011 Muenster University, Germany. Visiting student grant.

Oct - Dec 2010 Konstanz University, Germany. Research assistant (Graduate).

2007 - 2008 The Open University, Israel. Teaching assistant in undergraduate course: Software engineering.

2006 - 2007 Ben-Gurion University of the Negev, Israel. Teaching assistant in Undergraduate courses: Linear algebra for engineers, Functional analysis



CONGRESSI, CONVEGNI E SEMINARI

Data	Titolo	Sede
3/2009	Being integral-definite on the positivity set of \mathbb{N} polynomials	Model theory of the p-adics conference Bogota, Colombia
8/2009	Poster: 'Ganzstellensatz for semi-algebraic sets in real closed valued fields'	ESF-EMS-ERCOM Conference: Model Theory Bedlewo, Poland
10/2009	Ganzstellensatz for open sets in real closed fields	Positivity, Valuations, and Quadratic Forms Konstanz, Germany
8/2010	Stellensatz on real closed valued fields	Definability in Number Theory Ghent, Belgium
9/2010	Stellensätze on real closed valued fields	First MALOA Training Workshop Fischbachau, Germany
1/2011	Some positivstellensätze in real closed valued fields	British postgraduate model theory conference Leeds, England
6/2011	Some Positivstellensätze in real closed valued fields	Real Algebraic Geometry Conference Renne, France
9/2018	Dependent finite diagrams and the generic pair conjecture	Joint meeting of Italian Mathematical union and Polish Mathematical society, model theory session Wroclaw, Poland
3/2022	new irreducible generalized power series	European conference on interdisciplinary model theory Muenster, Germany
9/2022	New irreducible generalized power series	XXVII incontro di logica (AILA conference) Caserta, Italia
1/2008	Integral-definitivity proof by the model theoretic framework	Logic and Set Theory seminar, Ben Gurion university of the Negev
1/2009	Being integral-definite on the positivity set of \mathbb{N} polynomials	Mathematical Logic Seminar, The Hebrew University of Jerusalem, Israel



11/2009	Stellensatz on real closed valued fields	Logic and Set Theoretic Topology seminar, Ben Gurion university of the Negev
11/2010	Stellensaetze on real closed valued fields	Real algebra and geometry seminar, University of Konstanz, Germany
3/2017	Dependent finite diagrams and the generic pair conjecture	Logic seminar, University of Wroclaw, Poland
5/2018	positivity and boundedness in ordered valued fields	Algebra seminar, university of Florence
11-12/2018	Series of talks in the topic: ``Dependent dreams in finite diagrams	Logic seminar, university of Turin
12/2019	Type decomposition in NIP finite diagrams and its applications	Logic seminar, university of Wroclaw, Poland
7/2021	Type decompositions in NIP finite diagrams	Logic seminar, The University of Campania Luigi Vanvitelli, Caserta, Italia
5/2021	New irreducible generalized power series	Online logic seminar, University of Leeds

Articoli su riviste
N. Lavi, A Ganzstellensatz for semi-algebraic sets and a boundedness criterion for rational functions, Communications in Algebra, Alexander Prestel, 2016
N. Lavi, Positivstellensätze for semi-algebraic sets in real closed valued fields, Proceedings of the American Mathematical Society, Mirna Džamonja, 2015
I. Kaplan, N. Lavi, S. Shelah The generic pair conjecture for dependent finite diagrams, Israel Journal of Mathematics, Jerusalem, Eran London, 2016
A. Fornasiero, N. Lavi, S L'innocente, V. Mantova, Irreducibility in generalized power series. Submitted

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del DPR n. 445/2000.

Il presente curriculum, non contiene dati sensibili e dati giudiziari di cui all'art. 4, comma 1, lettere d) ed e) del D.Lgs. 30.6.2003 n. 196.

RICORDIAMO che i curricula **SARANNO RESI PUBBLICI sul sito di Ateneo** e pertanto si prega di non inserire dati sensibili e personali. Il presente modello è già pre-costruito per soddisfare la necessità di pubblicazione senza dati sensibili.

Si prega pertanto di **NON FIRMARE** il presente modello.

Luogo e data: firenze, 7/2/2024