

Curriculum Vitae



PERSONAL INFORMATIONS:

🇮🇹 Italian citizen

🎂 27 September 1989

✉ danilo.lewanski@units.it

🏠 Università di Trieste, Sezione di Matematica,
via Valerio 12/1 - 34127 Trieste

🌐 <https://sites.google.com/view/danilolewanski>

Education and professional experience

Ricercatore di tipo b). (Assistant/Associate Professor)

U Trieste, IT
since 2022

SC 01/A2 (Geometry and Algebra), SSD MAT/03 (Geometry).

Principal Investigator of SNF Ambizione Grant

U Genève, CH
Nov 21 - Oct 25

Project “Resurgent Topological Recursion, Enumerative Geometry and Integrable Hierarchies”, funded by the Swiss National Science Foundation (~ 1M CHF).

Post-doctoral researcher

IHES and IPhT, Paris, FR
Nov 19 - Oct 21

Funded by the ERC Synergy Grant “ReNewQuantum” with PI Prof. Andersen, Prof. Eynard, Prof. Kontsevich, Prof. Mariño.

Post-doctoral researcher

Max-Planck-Institut, Bonn, DE
Nov 17 - Oct 19

PIs: Gaëtan Borot and Don Zagier.

Ph.D. in Mathematics

Univ. Amsterdam, NL
Nov 13 - Oct 17

Thesis Title: “Enumerative geometry and moduli spaces of curves via topological recursion”

Topics: Algebraic Geometry and Mathematical Physics

Supervisor: Sergey Shadrin

M.Sc. in Mathematics

Università di Padova, IT
Sep 11 - Jul 13

Specialization in Algebra, Geometry and Number Theory (ALGANT courses)

Thesis title: “Moduli Spaces in Algebraic Geometry” on Mumford’s Geometric Invariant Theory

Thesis Supervisor: Francesco Bottacin

B.Sc. in Mathematics

Università di Bologna, IT
Sep 09 - July 11

Thesis title: “Knot Theory of robotic arms in 3D and 4D spaces” on Algebraic Topology

Thesis Supervisor: Massimo Ferri

Publications and preprints

- An intersection-theoretic proof of the Harer-Zagier formula** *Article*
ACCEPTED IN ALGEBRAIC GEOMETRY 2021
Joint work with A. Giacchetto, P. Norbury
- On some hyperelliptic Hurwitz-Hodge integrals** *Article*
ARXIV:2112.02178, SUBMITTED 2021
- A natural basis for intersection numbers** *Article*
ARXIV:2104.05697, SUBMITTED 2021
Joint work with B. Eynard
- A new spin on Hurwitz theory and ELSV via theta characteristics** *Article*
ARXIV:2104.05697, SUBMITTED 2021
Joint work with A. Giacchetto, R. Kramer
- On the Kontsevich Geometry of the combinatorial Teichmüller space** *Article*
ARXIV:2010.11806, SUBMITTED 2020
Joint work with J. Andersen, G. Borot, S. Charbonnier, A. Giacchetto, C. Wheeler
- On the Goulden-Jackson-Vakil conjecture for double Hurwitz numbers** *Article*
ADVANCES IN MATHEMATICS 403, 108339 2020
Joint work with N. Do.
- Double Hurwitz numbers: polynomiality, topological recursion and intersection theory** *Article*
ARXIV:2002.00900, ACCEPTED IN MATH. ANNALEN 2020
Joint work with G. Borot, N. Do, M. Karev, E. Moskovsky.
- Masur-Veech volumes and intersection theory: the principal strata of quadratic differentials** *Appendix*
ARXIV:1912.02267, ACCEPTED IN DUKE MATHEMATICAL JOURNAL 2019
D. Chen, M. Möller, A. Sauvaget, with an appendix joint with G. Borot, A. Giacchetto
- Topological recursion for Masur-Veech volumes** *Article*
ARXIV:1905.10352, SUBMITTED 2019
Joint work with J. Andersen, G. Borot, V. Delecroix, S. Charbonnier, A. Giacchetto, C. Wheeler
- Wall-crossing and recursion formulae for tropical Jucys covers** *Article*
TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY 373 (2020), 4685-4711 2019
Joint work with M. Anas Hahn.
- Half-spin tautological relations and Faber's proportionalities of kappa classes** *Article*
SIGMA: SYMMETRY, INTEGRABILITY AND GEOMETRY: METHODS AND APPLICATIONS, 15, [080] 2019
Joint work with E. Garcia Failde, R. Kramer, S. Shadrin
- Tropical Jucys covers** *Article*
MATHEMATISCHE ZEITSCHRIFT (2022) 2018
Joint work with M. Anas Hahn.
- Harer-Zagier formula via Fock space** *Article*
COMMUNICATIONS IN NUMBER THEORY AND PHYSICS, 13 (2019), 3, 619-626 2018

- Wall-crossing formulae and strong piecewise polynomiality for mixed Grothendieck dessins d'enfants, monotone and simple double Hurwitz numbers** Article
 ADVANCES IN MATHEMATICS 336 (2018), 38-69 2017
 Joint work with M. Anas Hahn, R. Kramer.
- Special cases of the orbifold version of Zvonkine's r -ELSV formula** Article
 MICHIGAN MATHEMATICAL JOURNAL, 70(2): (2021), 369-402. 2017
 Joint work with G.Borot, R.Kramer, A. Popolitov, S. Shadrin.
- Towards an orbifold generalization of Zvonkine's r -ELSV formula** Article
 TRANSACTIONS OF THE AMERICAN MATHEMATICAL SOCIETY, 372 (2019), 4447-4469 2017
 Joint work with R.Kramer, A. Popolitov, S. Shadrin.
- On ELSV-type formulae, Hurwitz numbers and topological recursion** Expository
 AMS PROCEEDINGS OF SYMPOSIA IN PURE MATHEMATICS, VOLUME 100, 2018. 2017
[HTTPS://DOI.ORG/10.1090/PSPUM/100/01764](https://doi.org/10.1090/pspum/100/01764).
- The tautological ring of $\mathcal{M}_{g,n}$ via Pandharipande-Pixton-Zvonkine r -spin relations** Article
 ALGEBRAIC GEOMETRY 5.6 (2018), 703-727 2017
 Joint work with R.Kramer, F. Labib, S. Shadrin
- Quasi-polynomiality of monotone orbifold Hurwitz numbers and Grothendieck's dessins d'enfant** Article
 DOCUMENTA MATHEMATICA 24, 857-898 (2019) 2016
 Joint work with R.Kramer, S. Shadrin
- Ramifications of Hurwitz theory, KP integrability and quantum curves** Article
 JOURNAL OF HIGH ENERGY PHYSICS, 2016(5), DECEMBER 2015 2016
 Joint work with A. Alexandrov, S. Shadrin
- \mathcal{W} -algebra constraints and topological recursion for A_N -singularity** Appendix
 INTERNATIONAL JOURNAL OF MATHEMATICS 27, 1650110(2016) 2016
 The main author is T. Milanov, appendix by D. Lewanski
- Polynomiality of orbifold Hurwitz numbers, spectral curve, and a new proof of the Johnson-Pandharipande-Tseng formula** Article
 JOURNAL OF THE LONDON MATHEMATICAL SOCIETY 92(3), 547-565, APRIL 2015. 2015
 Joint work with P. Dunin-Barkowski, A. Popolitov, S. Shadrin
- Chiodo formulas for the r -th roots and topological recursion** Article
 LETTERS IN MATHEMATICAL PHYSICS, 107(5), 901-919. 2015
 Joint work with A. Popolitov, S. Shadrin, D. Zvonkine

Awards, titles, certifications

- Nov 2021 - Oct 2025** SNF **Ambizione** Grant (~1M CHF)
- May 2021 - Apr 2030** Abilitazione Scientifica Nazionale, Fascia II, Geometria e Algebra (Italian Abilitation)
- Nov 2021 - Oct 2023** Part of **ERC Consolidator** Grant “ROGW” n. 864919 (~2M Euros) as postdoctoral researcher (declined)
- Nov 2021 - Oct 2024** Assegno di Eccellenza MIUR at SISSA, Trieste, IT (3 years contract, excellent postdocs provided at the national level, declined)
- Nov 2019 - Oct 2021** Part of **ERC Synergy** Grant “ReNewQuantum” n. 810573 (~10M Euros) as postdoctoral researcher, PI: Profs. Jørgen Andersen, Bertrand Eynard, Maxim Kontsevich, Marcos Mariño.

Partecipation in research projects

- Nov 2021 - Oct 2025** PI of **SNF Ambizione** Grant (~1M CHF)
- Nov 2021 - Oct 2023** Part of **ERC Consolidator** Grant “ROGW” n. 864919 (~2M Euros) as postdoctoral researcher, PI: Prof. Penka Georgieva.
- Nov 2019 - Oct 2021** Part of **ERC Synergy** Grant “ReNewQuantum” n. 810573 (~10M Euros) as postdoctoral researcher, PI: Profs. Jørgen Andersen, Bertrand Eynard, Maxim Kontsevich, Marcos Mariño.
- Nov 2013 - Oct 2017** Part of **NWO-VICI** Research Grant (~1.5M Euros) as PhD candidate, PI: Prof. Sergey Shadrin.
- 2019 - 2021** Part of **GNSAGA**: Italian Research Group for Algebraic and Geometric structures and their Applications

Scientific expeditions

- SISSA, Trieste (IT)** Teaching and research visit, Apr - May 2022
- IPhT and IHES, Paris (FR)** Research visit with host Prof. E. Eynard and several collaborators, Nov 2021 - Feb 2022
- UniSalento University (IT)** Research visit with host Prof. R. Vitolo, June 2021
- Melbourne University (AU)** Research visit with host Prof. P. Norbury, March 2020
- Monash University, Melbourne (AU)** Research visit with host Prof. N. Do, February 2020
- Amsterdam University (NL)** Research visit with host Prof. S. Shadrin, July 2019
- Monash University, Melbourne (AU)** Bartnik Visiting Grant awardee (~8K AUD) with host Prof. N. Do, February 2019
- Institut Henri Poincaré, Paris (FR)** Thematic trimester *Combinatorics and interactions*, February-March 2017
- Matrix Institute, Creswick (AU)** Event *Interactions between topological recursion, modularity, quantum invariants and low-dimensional topology*, November-December 2016

Events organised

- Sep 2022** Organiser of PhD + Postdoc Advanced school in Otranto, IT. Funded by ERC Synergy ReNewQuantum project
- Mar 2022** Organiser of Algebraic Geometry researchers workshop in Leysin, CH. Funded by own SNF grant
- Mar 2022** Organiser of intersection theory software developing workshop in Les Diablerets, CH. Funded by own SNF grant
- Sep 2021** Organiser and lecturer of Master students + PhD School in Otranto, IT. Funded by ERC Synergy ReNewQuantum project
- Sep 2021** Organiser of PhD + Postdoc Advanced school in Otranto, IT. Funded by ERC Synergy ReNewQuantum project
- Sep 2021** Organiser of researcher collaborative open-problem workshop in Otranto, IT. Funded by ERC Synergy ReNewQuantum project

Selected Talks

Moduli spaces of curves and their cohomology

SEMINAR

Bari, IT

Jan, 2022

Spin structures and Gromov-Witten theory

SEMINAR

Palermo, IT

Nov, 2021

Recursive universal procedures for enumerative algebraic geometry

MATHEMATICAL PHYSICS SEMINAR

IBS, Pohang, KOREA

Nov, 2021

Discussant for John Novak

COMBINATORICS AND TOPOLOGICAL RECURSION CONFERENCE

Norway

Nov, 2021

ELSV formulae TROPICAL CURVES, LOGARITHMIC STRUCTURES, AND ENUMERATIVE GEOMETRY	<i>Oberwolfach, DE</i> Oct, 2021
Dubrovin-Frobenius manifolds and topological recursion MATHEMATICAL PHYSICS SEMINAR	<i>SISSA, Trieste, IT</i> Oct, 2021
Recursive universal procedures for enumerative algebraic geometry CAGA SEMINAR	<i>Padova, IT</i> Oct, 2021
Counting graphs on surfaces SEMINAR	<i>UniMore, IT</i> Oct, 2021
Enumerative geometry and mathematical physics SEMINAR	<i>Bicocca, Milano, IT</i> Jul, 2021
A new spin for Hurwitz numbers and Chiodo classes ENUMERATIVE GEOMETRY OF SURFACES	<i>Oberwolfach, DE</i> Jun, 2021
A new spin for Hurwitz numbers and Chiodo classes CONFERENCE MOSCATR VII	<i>Moscow, RUS</i> Jun, 2021
Topological Recursion and moduli spaces of curves.	<i>Bologna University, IT</i> Jun 2021
Cohomologie des espaces de modules des courbes de la physique mathématique. MATHEMATICAL PHYSICS SEMINAR	<i>IMB, Dijon, FR</i> Mar, 2021
ELSV-type formulae and new conjectures for BKP integrability II . INTERNATIONAL TOPOLOGICAL RECURSION AND INTEGRABILITY SEMINAR	<i>Higher School for Economics, Moscow, RUS</i> Mar, 2021
ELSV-type formulae and new conjectures for BKP integrability I . INTERNATIONAL TOPOLOGICAL RECURSION AND INTEGRABILITY SEMINAR	<i>Higher School for Economics, Moscow, RUS</i> Mar, 2021
Cohomologie des espaces de modules des courbes de la physique mathématique. GENERAL MATHEMATICAL SEMINAR	<i>IMB and LaBRI, Bordeaux, FR</i> Feb, 2021
Mathematical Physics for the Algebraic Geometry of moduli spaces of curves.	<i>Copenhagen University, DK</i> Feb 2021
Interaction between string theory, integrable systems and moduli spaces of curves. GEOMETRY SEMINAR	<i>KU Leuven, BE</i> Feb 2021

Topological recursion, matrix models, and moduli spaces of curves. MATHEMATICAL PHYSICS SEMINAR	<i>SISSA Trieste, IT</i> Jan, 2021
Resurgent Topological Recursion. CONFERENCE WINTER SCHOOL IN MATHEMATICAL PHYSICS 2021	<i>Les Diablerets, CH</i> Jan 2021
Topological Recursion for Hurwitz theory and intersection theory of moduli spaces of curves.	<i>Bologna University, IT</i> Jan 2021
Hurwitz theory, topological recursion, and ELSV formulae CONFERENCE TOPOLOGICAL AND GEOMETRIC RECURSION IN INTERACTION WITH RESURGENCE	<i>Miami, USA</i> Feb, 2020
Resurgence theory UNIVERSITY OF MELBOURNE	<i>Melbourne, RUS</i> Feb, 2020
On a conjecture of Goulden, Jackson, and Vakil JUSSIÉU ENUMERATIVE GEOMETRY SEMINAR	<i>Paris, FR</i> Dec 5, 2019
Topological recursion and Masur-Veech volumes IHES ENUMERATIVE GEOMETRY SEMINAR	<i>Paris, FR</i> Dec 2, 2019
Topological recursion and Masur-Veech volumes INTERNATIONAL SYMPOSIUM QUANTUM THEORY AND SYMMETRIES AT CRM MONTRÉAL	<i>Montréal, CAN</i> Jul 2, 2019
Tropical Jucys covers UNIVERSITÉ DE GENÈVE	<i>Genève, CH</i> Mar 18, 2019
Virasoro constraints for simple maps and free probability CONFERENCE MOSCATR VI	<i>Moscow, RUS</i> June 7, 2018
Tautological ring and Pandharipande-Pixton-Zvonkine tautological relations UNIVERSITÉ DE BOURGOGNE	<i>Dijon, FR</i> Sep 7, 2017
Orbifold Hurwitz numbers, topological recursion and ELSV-type formulae WINTER SCHOOL ON COMBINATORICS AND INTERACTIONS, CIRM	<i>Marseille, FR</i> Jan 13, 2017
Topological recursion and Hurwitz numbers CONFERENCE TOPOLOGICAL RECURSION AND MODULARITY	<i>Matrix center, Creswick, AUS</i> Dec 22, 2016
From Topological Recursion to Johnson-Pandharipande-Tseng Formula (and back) 2016 AMS VON NEUMANN SYMPOSIUM: TOPOLOGICAL RECURSION AND ITS INFLUENCE IN ANALYSIS, GEOMETRY, AND TOPOLOGY	<i>Charlotte, NC, USA</i> Jul 6, 2016

On Hurwitz enumerative problems

FIFTH WORKSHOP ON COMBINATORICS OF MODULI SPACES, HURWITZ NUMBERS, AND COHOMOLOGICAL FIELD THEORIES

Moscow, RUS

Jun 9, 2016

Gromov-Witten Invariants

CONFERENCE PROSPECTIVES IN PHYSICAL MATHEMATICS

Bologna, IT

Dec 18, 2014

Service

Editor

Special Issue on *Topological Recursion and its applications*, Journal of Geometry and Physics (JGP), Guest editor with G. Borot, B. Eynard, E. Garcia-*Failde*.

Referee

Referee for *Manuscripta Mathematica*, *Communications in Mathematical Physics*, *Journal of High Energy Physics*, *Selecta Mathematica*, *SIGMA*, *Bulletin of London Mathematical Society*

Committee

Msc thesis reviewer for Mikhael Lozhkin, St. Petersburg Department of Steklov Mathematical Institute of Russian Academy of Sciences

Conferences

TRSalento2021: School/Workshop on Topological Recursion

Otranto, Salento region, IT

Sep 6- Sep 17, 2021

Noncommutative geometry meets topological recursion

Münster, DE

Aug 16 - Aug 20, 2021

MFO Workshop: Enumerative geometry of surfaces

Oberwolfach, DE

Jun 14 - Jun 18, 2021

MOSCATR VII: 7th Workshop on Combinatorics of Moduli Spaces, Cluster Algebras, and Topological Recursion

Moscow, RUS

May 31 - Jun 5, 2021

Conference Winter School in Mathematical Physics 2021

Les Diablerets, CH

Jan 2021

Conference Topological and Geometric Recursion in Interaction with Resurgence

Miami, USA

Feb, 2020

International Symposium Quantum Theory and Symmetries at CRM Montréal

Montréal, CAN

Jul 2, 2019

ICM 2018: International Conference of Mathematicians

Rio, BR

Aug 1-9, 2018

MOSCATR VI: 6th Workshop on Combinatorics of Moduli Spaces, Cluster Algebras, and Topological Recursion

Moscow, RUS

June 4-9, 2018

Workshop on Moduli Spaces of Curves, Integrable Systems and related subjects	<i>Dijon, FR</i> Sep 4-8, 2017
Trimester Combinatorics and Interactions, IHP	<i>Paris, FR</i> Feb 27- Mar 31, 2017
Winter school on combinatorics and interactions, CIRM	<i>Marseille, FR</i> Jan 9-13, 2017
Interactions between Topological recursion, modularity, quantum invariants and low-dimensional topology, Matrix center	<i>Creswick, AUS</i> Nov 28 - Dec 23, 2016
2016 AMS von Neumann Symposium: Topological Recursion and its Influence in Analysis, Geometry, and Topology	<i>Charlotte, NC, USA</i> Jul 4-8, 2016
Fifth Workshop on Combinatorics of Moduli Spaces, Hurwitz numbers, and Cohomological Field Theories HSE, STEKLOV INSTITUTE, SKOLKOVO INSTITUTE OF SCIENCE AND TECHNOLOGY AND INDEPENDENT UNIVERSITY	<i>Moscow, Russia</i> Jun 6-11, 2016
2015 AMS Summer Research Institute in Algebraic Geometry UNIVERSITY OF UTAH	<i>Salt Lake City, UT, USA</i> Jul 13-24, 2015
Counting Instantons LORENTZ CENTER	<i>Leiden, The Netherlands</i> Jun, 16-20, 2015
Workshop on mathematical physics UNIVERSITEIT VAN AMSTERDAM In occasion of the PhD Defense of Petr Dunin-Barkowski	<i>Amsterdam, The Netherlands</i> May 26-28, 2015
Perspectives in Physical Mathematics UNIVERSITÀ DI BOLOGNA	<i>Bologna, Italy</i> Dec 18-19, 2014
Geometry and Quantum Theory Colloquium GQT CLUSTER	<i>The Netherlands</i> Nov 6-7, 2014
Geometry and Quantum Theory Colloquium GQT CLUSTER	<i>The Netherlands</i> Jul 3-4, 2014
Workshop on Instanton Counting: Moduli Spaces, Representation Theory and Integrable Systems LORENTZ CENTER	<i>Leiden, The Netherlands</i> Jun 16, 2014

Fourth Workshop on Combinatorics of Moduli Spaces, Cluster Algebras and Topological Recursion

HSE, STEKLOV INSTITUTE, AND INDEPENDENT UNIVERSITY

Moscow, Russia

May 26-31, 2014

Mirror Symmetry and Spin Curves

PALAZZONE DI CORTONA

Cortona, Italy

Apr 28-30, 2014

On Quantization of Moduli Spaces

Geneva, Switzerland

Apr 22-25, 2014

Moduli of curves and mathematical physics

UNIVERSITEIT VAN AMSTERDAM

In occasion of the PhD Defense of Loek Spitz

Amsterdam, The Netherlands

Jan 23, 2014

Geometry and Quantum Theory Colloquium

GQT CLUSTER

The Netherlands

Jan 17-18, 2014

Workshop on Algebraic Cycles and Tautological classes

In occasion of the PhD Defense of Qizheng Yin

Nijmegen, The Netherlands

Dec 18, 2013

VBAC2013: Hilbert Schemes, Sheaves and Representations

SISSA

Trieste, Italy

Jun 17-21, 2013

Recent trends in Algebraic Analysis

UNIVERSITÀ DI PADOVA

Trieste, Italy

Feb 19-23, 2013

Teaching

Curricular PhD course at SISSA: Introduction to topological recursion and moduli spaces of curves

Lecturer

SISSA, Trieste (IT), Apr-May 2022

PhD mini-course: Hurwitz theory and topological recursion

Lecturer

School TRSalento2021 (IT), Sep 2021

PhD mini-course: Hurwitz theory and enumerative geometry

Lecturer

U Nairobi (KE), Aug 2021

PhD mini-course: Moduli spaces of curves and topological recursion

Lecturer

UniSalento Lecce (IT), Jun 2021

Outreach teaching activities with SAMI (see below)

TOPOLOGY, GEOMETRY, ALGEBRA, PROBABILITY, PHYSICS, PROGRAMMING COURSES

Lecturer

African maths institutes, 2016 - 2021

Wiskunde N2

ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS

Assistant

U Amsterdam (NL), Fall 16

Algebra I

GROUP THEORY

Assistant

U Amsterdam (NL), Spring 15

Wiskunde N2

ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS

Assistant

U Amsterdam (NL), Fall 15

Algebra I

GROUP THEORY

Assistant

U Amsterdam (NL), Spring 15

Wiskunde N2

ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS

Assistant

U Amsterdam (NL), Fall 14

Galois Theorie

GALOIS THEORY

Assistant

U Amsterdam (NL), Spring 14

Wiskunde N3

COMPLEX ANALYSIS

Assistant

U Amsterdam (NL), Fall 13

Outreach activities

I have taken up the role of Director of the UK based Charity SAMI (Supporting African Maths Initiatives, <https://samicharity.co.uk>) since 2019. SAMI wants to address the huge divides in terms of access and quality of education across Africa, in particular with respect to Mathematics. Since 2013 SAMI has supported activities for more than 1600 African highschool students in seven African countries thanks to more than 500 volunteers among local and international scientists.

”Crosspollination” workshop on maths education in African Institute for Mathematical Sciences of Rwanda, Kigali

Organiser

ESTABLISHING A COMMUNITY OF PRACTICE WITH INTERNATIONAL MATHS EDUCATORS AT DIFFERENT LEVELS

Spring 22

Development of an open-access maths educational online repository for local delivery in times of Covid-19 pandemic (<https://virtualmathscamp.com>)

Team leader and organiser

LEADING THE VIDEO TEAM AND OVERALL ORGANISATION

Summer-Fall 20

SAMI (Supporting African Mathematics Initiatives) Maths Camp Rwanda

Main organizer

ORGANISER OF A TWO WEEKS MATHS CAMP FOR HIGH SCHOOL STUDENTS

Summer 19

”Crosspollination” workshop on maths education in Africa in Cape Coast, Ghana

Speaker and participant

ESTABLISHING A COMMUNITY OF PRACTICE WITH INTERNATIONAL MATHS EDUCATORS AT DIFFERENT LEVELS

Spring 19

SAMI (Supporting African Mathematics Initiatives) Maths Camp Kenya

Co-organizer

VOLUNTEERING IN A TWO WEEKS MATHS CAMP FOR HIGH SCHOOL STUDENTS

Summer 18

SAMI (Supporting African Mathematics Initiatives) Maths Camp Ghana

Co-organizer

VOLUNTEERING IN A TWO WEEKS MATHS CAMP FOR HIGH SCHOOL STUDENTS

Summer 17

Skills

Programming Sage, Mathematica, Matlab, C/C++, LaTeX

Languages Italian (Mother tongue), English (C1), Spanish, French (B2), Dutch, German (B1)

Others Judo instructor for two years, Scout educator, one-year Italian civil servant (on voluntary basis)