

Hamza Ounesli

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Curriculum Vitae

Professional appointments

2024-current Postdoctoral fellow, ICTP, Trieste, Italy.

Education

2024 **PhD in Mathematics**, *Scuola Internazionale Superiore di Studi Avanzati, Trieste, Italy*, Under supervision of Stefano Luzzatto.

2019-2020 **Postgraduate diploma**, *Mathematics section, The Abdus Salam International Center for Theoretical Physics (ICTP), Trieste, Italy*.

Thesis: Hyperbolic dynamics, horseshoes and transverse homoclinic points. Under supervision of Stefano Luzzatto.

2017-2019 **BSc**, *Mathematics faculty, University of Science and Technology, Algiers, Algeria*. *Mention très bien*.

2016-2017 **Preparatory year, exact sciences**, *École Normale Supérieure, Algiers, Algeria*. *Mention très bien*.

Papers

2023 Topology of the space of Lebesgue preserving transformations. Joint with H. Boukhecham. *Rendiconti del Istituto di Matematica dell'università di Trieste*.

2023 C^1 -genericity of unbounded distortion. *Indag. Mathematicae*. 2024

2023 On the existence of absolutely continuous probability measures for circle expanding maps. *Journal of Dynamical and Control systems*. 2024

Scientific visits

Dec 2023 IMPA, Rio de Janeiro, Brazil.

April 2023 Università di Roma Tor Vergata, Invited by Carlangelo Liverani.

January 2023 Laboratoire d'Analyse Mathématique et Applications, Université Paris 12, France. Invited by Benoit Cloeckner

Awards and Scholarships

2020-2024 SISSA PhD Fellowship.

2019-2020 The ICTP Postgraduate pre-PhD scholarship, Trieste, Italy.

2019 Award of ranking first in the mathematics faculty, BSc degree, Algiers, Algeria.

2017 Ranked first at the exact sciences department of the École Normale Supérieure, Algiers, Algeria

2015 2nd place in the regional mathematical Olympiad, Algiers, Algeria.

Skills

Languages: Berber: Native. Arabic: very good. French: very good. English: Good. Italian: Good.
Computer: LaTeX, Beamer.