

ANASTASIOS STYLIANOU

Mathematics Institute, University of Warwick, Coventry CV4 7AL
+44(0)7856766775 $\diamond$ tasos.stylianou@warwick.ac.uk

EDUCATION

University of Warwick

October 2018 - Present

Ph.D. student in Mathematics and Statistics.

Working under the supervision of Professor Richard Sharp and supported by departmental funding.

University of St Andrews

September 2014 - June 2018

MMath (Hons) Mathematics.

Overall Percentage: 96

Worked under the supervision of Professor Lars Olsen for a thesis entitled “Extremely non-normal numbers in dynamical systems”. Awarded the Principals Scholarship for academic excellence, Deans List, prize for the best student in junior honours pure mathematics, medal for the top second year student in mathematics and a full blue award.

RESEARCH INTERESTS

I am (mainly) interested in Ergodic Theory, Dynamical Systems and Thermodynamic Formalism. Particularly, in asymptotic orbit counting problems for hyperbolic rational maps on the Riemann sphere.

PUBLICATIONS

On the Hausdorff and Packing measures of typical compact metric spaces

Aequationes Mathematicae **92**, 709735, 2018 (with S. Jurina, N. Macgregor, A. Mitchell, L. Olsen).

EVENTS ATTENDED

LxDS Spring School

May 2018

University de Lisboa. (Lisbon, Portugal)

British Mathematical Colloquium

June 2018

University of St Andrews. (St Andrews, UK)

One Day Ergodic Theory Meeting

June 2018

University of St Andrews. (St Andrews, UK)

Summer School in Dynamics (Introductory and Advanced)

July 2018

International Centre for Theoretical Physics. (Trieste, Italy)

One Day Ergodic Theory Meeting

November 2018

Queen Mary University London. (London, UK)

Warwick-Imperial Autumn Meeting

December 2018

University of Warwick. (Coventry, UK)

Number Theory and Dynamics Conference

March 2019

Cambridge University. (Cambridge, UK)

School on Smooth Ergodic Theory and Partially Hyperbolic Systems

April 2019

Loughborough University. (Loughborough, UK)

One Day Ergodic Theory Meeting

June 2019

University of Birmingham. (Birmingham, UK)

Thermodynamic Formalism: Modern Techniques in Smooth Ergodic Theory

July 2019

Centre International de Rencontres Mathématiques. (Marseille, France)

Measurability, Ergodic Theory and Combinatorics

July 2019

University of Warwick. (Coventry, UK)

Thermodynamic Formalism: Ergodic Theory and Geometry

July 2019

University of Warwick. (Coventry, UK)

Dynamical Systems Summer School - Pure and Applied

August 2019

Bremen University. (Bremen, Germany)

Summer School on Dynamical Systems

August 2019

École Polytechnique Fédérale de Lausanne, (Lausanne, Switzerland)

TALKS

Hausdorff and Packing Measures of Typical Compact Metric Spaces

November 2017

University of St Andrews, Analysis seminar.

Extremely non-normal Numbers in Dynamical Systems

May 2018

University de Lisboa, Dynamical Systems Spring School.

Fractal Dimensions of Typical Compact Metric Spaces

December 2018

University of Warwick, Warwick-Imperial Autumn Meeting.

TEACHING EXPERIENCE

Teaching Assistant

Fractal Geometry (MA3D4), during the second term of the academic year 2018/2019.

Supervisor

Supervised 10 students on second year Analysis, Algebra and Multivariate Calculus.

IMO Training Camp

Given preparation lectures on Elementary Number Theory to the Cypriot team for the International Mathematical Olympiad.