CURRICULUM VITAE

Name   **Hussien Abugirda**

Affiliation

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Personal Info

Birth: August 5th 1978, Basrah, Iraq
Nationality: Iraq
Marital status: Single

Education

•Currently a Ph.D. student in Mathematics, University of Reading, to be graduated in September 2018.
Ph.D. supervisor: Dr Nikos Katzourakis.

•M.Sc. in Mathematics, AL- Mustansiriyah University,
College of Science, 2001 - 2003.
Title: Numerical method for computation of the fundamental solution for some boundary value problems.
M.Sc. supervisor: Eman Ali Hussain.

•B.Sc. in Mathematics, College of Science
University of Basrah, 1997 - 2000.

Research Interests

•Nonlinear Partial Differential Systems and Equations,
•Vector-valued Calculus of Variations,
•Nonlinear and Nonsmooth Functional Analysis,
•Geometric Analysis.

Invited Scientific Talks

- School of Mathematics, University of Cardiff, UK, 5th meeting of the 2016-17 Southwest Network in PDE, 14th February 2017.

- School of Mathematics, University of Reading, UK, 4th meeting of the 2016-17 Southwest Network in PDE, 30 September 2016.

Attendance to Conferences - Workshops - Schools

- 8th meeting of Southwest network in generalised solutions of nonlinear PDE, University of Cardiff, Cardiff, UK, 25th of September 2017.

- 7th meeting of Southwest network in generalised solutions of nonlinear PDE, University of Reading, Reading, UK, 13th of June 2017.

- 6th meeting of Southwest network in generalised solutions of nonlinear PDE, University of Bath, Bath, UK, 3rd of May 2017.

- 5th meeting of Southwest network in generalised solutions of nonlinear PDE, University of Cardiff, Cardiff, UK, 14th February 2017.

- 4th meeting of Southwest network in generalised solutions of nonlinear PDE, University of Reading, Reading, UK, 30th September 2016.

- 3rd meeting of Southwest network in generalised solutions of nonlinear PDE, University of Cardiff, Cardiff, UK, 11th July 2016.

- Modern topics in nonlinear PDE and geometric analysis, Reading, 4th-8th July 2016.

- New trends in nonlinear PDE: from theory to applications, Cardiff, 20th-24th June 2016.

- 2nd meeting of Southwest network in generalised solutions of nonlinear PDE, University of Bath, Bath, UK, 20th April 2016.

- 1st meeting of Southwest network in generalised solutions of nonlinear PDE, University of Bath, Bath, UK, 12th February 2016.

Research Papers Preprints

- (with N. Katzourakis and B. Ayanbayev) Rigidity and flatness of the image of certain classes of mappings having tangential Laplacian, preprint.

Research Papers Published / Accepted

- (with N. Katzourakis) Existence of 1D Vectorial Absolute Minimisers in L^∞ under Minimal Assumptions, Proceedings of the AMS 145:6, 2567 - 2575 (2017).

- (with N. Katzourakis) On the Well-Posedness of Global Fully Nonlinear First Order Elliptic Systems, Advances in Nonlinear Analysis, DOI: https://doi.org/10.1515/anona2016-0049, May 2016.

Scientific work

(Preprints and offprints available at the ArXiv website and my ResearchGate Profile)

Languages

- Arabic (native)

- English (fluent)

References   Dr Nikos Katzourakis
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