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Research Interests

At first stage of career, my current research interests lie in analysis, mainly a) analysis of partial differential equations, in proximity to b) spectral theory, c) differential geometry, d) mathematical physics.

Education

- **University of Cambridge** — Cambridge, UK
  M.A.St. Pure Mathematics — *exp. 2017*
- **University College London** — London, UK
  B.Sc. Mathematics, first-class degree — *2016*
- **Nanjing Foreign Language School** — Nanjing, P.R. China
  High School Graduate — *2013*

Research Experience

- **University College London** — London, UK
  Summer Research Student — *February 2016 – exp. September 2016*
    - Topic: *'Maxwell's Equations on Rigid Boundaries'*. Supervisor: I. Kamotski.

- **University College London** — London, UK
  Summer Research Student — *June 2015 – December 2015*
    - Topic: *'Spectral Problems on 3-tori'*. Supervisor: D. Vassiliev.

Prizes and Scholarships

- **Bosanquet Prize** — London, UK
  Department of Mathematics, University College London — *2015*
- **Departmental Summer Scholarship** — London, UK
  Department of Mathematics, University College London — *2015*
- **Departmental Undergraduate Prize in Mathematics** — London, UK
  Department of Mathematics, University College London — *2014*

Talks and Presentations

'Theory of Distributions and Linear Differential Equations', Tomorrow's Mathematicians Today. University of Greenwich, London, UK. February 13, 2016.

'Spectral Problems on 3-tori', Winter Enrichment Program. King Abdullah University of Science & Technology, Saudi Arabia. January 17 – 23, 2016.

Research Skills

Programming: Python (NumPy, SymPy), C++, Mathematica, MATLAB.

Mathematical Writing: LaTeX with packages beamer and TikZ.

Language: Mandarin and basic German.

Reference

Professor D. Vassiliev.
> Department of Mathematics, University College London, Gower Street, LONDON WC1E 6BT.

Professor R. Halburd.
> Department of Mathematics, University College London, Gower Street, LONDON WC1E 6BT.

Dr. I. Kamotski.
> Department of Mathematics, University College London, Gower Street, LONDON WC1E 6BT.