**Mathematics: Chaos or Clear Cut?**

A residential course for A2-level students

**This course sets out to inspire and challenge you in a non-competitive environment, mixing with like-minded students from across the UK and tutored by two subject experts. Participation can be acknowledged under *Preparation for HE* on your UCAS application form.**

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| **Objectives**  To allow students to consider the nature of proof and the extent to which Mathematics can provide clear cut answers to nature, the universe and life! |
| **Format**  This course will be delivered using a variety of methods including interactive lectures, presentations and group discussions. There will be an opportunity for students to carry out some problem solving and to present their conclusions.  A guest speaker and a visit will also be included.  Please see the sample programme overleaf although the course content may change. |
| **Tutors**  Natalia Jurga completed a masters in mathematics at the University of Bristol and then undertook a PhD in dynamical systems at the University of Warwick. I am now a postdoctoral research fellow at the University of Surrey.  John Sylvester completed an MSci in Maths at UCL and his PhD in Probability at Warwick University. John is currently a Research Fellow at Cambridge University.  **J** |
| **Details**  *Date:* **Monday 4 to Friday 8 November 2019**  *Venue:* **The Cambridge Centre at Villiers Park, Foxton**  *Ref:* **Mathematics: Chaos or Clear Cut?– 20S006**  *Cost:* **£325 to include accommodation, meals, course materials (students at fee paying**  **schools will need to pay the full cost of £739)** |
| Please complete the application form and return to Villiers Park by **Applications are still open**  For more information contact us on 01223 872601 or vp@villierspark.org.uk  [www.villierspark.org.uk](http://www.villierspark.org.uk) |