

# Black Mathematics at Cambridge - 26 October 2019

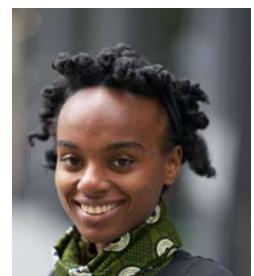


## Dr Nira Chamberlain – keynote speaker

Dr Nira Chamberlain will become President of the [Institute of Mathematics and its Applications](#) (IMA) in January 2020 and in 2018 was the Winner of the Big Internet Math Off title [World's Most Interesting Mathematician](#). Since 2018, he holds the title as the [5th Most Influential Black Person in the UK](#), and in 2015, he became the first Black mathematician to join the exclusive list of distinguished living British mathematicians who feature in [Who's Who](#). Nira is currently Senior Data Scientist at Holland & Barrett, and has over 25 years of experience at writing mathematical models/simulation algorithms that solve complex industrial problems, working within industries such as the defence, aerospace, automotive and energy sector. He campaigns for more diversity within the mathematical sciences, and is a regular speaker in schools across the country.

## Khyla Kadeena-Miller- speaker

Khyla came to Cambridge to study maths at Trinity College in 2014, and completed an undergraduate degree and a MMath (Part III). Before coming to Cambridge, she enjoyed helping to teach maths to the children at her local primary school. As an undergraduate in Cambridge, she was on the committee of the student Emmy Noether Society, which aims to promote women studying mathematical sciences, and was involved in organising talks by famous women mathematicians for the society, as well their social events. She now works for Astra-Zeneca.



## Dr Spencer Becker-Kahn – speaker and panellist

Spencer is from London and was a student at St. John's College, Cambridge for nine years from 2005 to 2014 while he did his undergraduate degree, Part III and PhD in mathematics. His research interests are in geometric analysis and geometric measure theory. From 2014 to 2017 he was a C. L. E. Moore Instructor at MIT and after that he spent 2 years as an Acting Assistant Professor at the University of Washington in Seattle. Earlier this year, he moved back to the UK and is currently an unestablished lecturer in the pure mathematics department (DPMMS) in Cambridge. "It is both strange and exciting to be lecturing at the Centre for Mathematical Sciences", he says.

## Dr Ron Reid-Edwards – speaker and panellist

Dr Reid-Edwards read Physics in Oxford and then came to Cambridge to do Part III mathematics. He was the first in his family to go to university and can highly recommend it. He completed his PhD at Queen Mary in London in 2006, specialising in String Theory and Supergravity. He held research positions in the Universities of Hamburg and Oxford before becoming a lecturer in mathematics at the University of Hull in 2013. In 2017 he moved to Cambridge, taking up a fellowship at Trinity Hall where he is the current holder of the Stephan and Thomas Körner Fellowship in Mathematics. He is a member of the Department of Applied Mathematics and Theoretical Physics (DAMTP) High Energy Physics research group where he lectures the Part III course in String Theory. His current research interests are mainly in String Theory, Quantum Gravity and Quantum Field Theory.



## Israel Shitta – panellist

Israel says that he often gets asked questions like "Why maths?" "What are you going to do with it?" "You must be a massive nerd, right?" to which he responds "Because I enjoy it" "I have no idea" and "yeah, not gonna lie". He honestly thinks that maths is a wonderful subject to study. He first fell in love with it after doing the UKMT maths challenges in secondary school. After debating whether to do maths at Uni or a "more useful" degree like engineering, he decided to follow his passions and apply for maths. When he's not thinking about maths he loves to play basketball. He played in the national junior league for a club in Manchester before Uni and now plays for the Uni team at Cambridge. He's also interested in music and plays the keyboard regularly at his local church at home. His great passion is to inspire and encourage people, and would be filled with joy if he could inspire just one child to work hard and pursue their dreams. He is in his second year at Fitzwilliam College.

## Iman Simo Dzungang – panellist

Iman is a first year student at Newnham College. She has come to Cambridge from France, and is excited at the prospects and challenges that the university will offer. Her love for mathematics started when she was a child and she pursued her interest in mathematics through challenging activities, reading, problem solving, and camps for young mathematicians.

