



Worshipful Company of Educators

City of London, 26 February 2019

The Black Box Of Mathematics



Technology & Maths – A Natural Human Progression

Master Educator's City Seminar in 2018/19 Series – It All Adds Up

The Worshipful Company of Educators (2013) and UCL Institute of Education

Leading researcher from the UCL Institute of Education, Dr Alison Clark-Wilson is providing the 4th Seminar about Maths & Technology in the Master Educators 2018/2019 Seminar Series – It All Adds Up. She is a supporter of the idea that technology is good and at the heart of her work is a strong belief that well-designed technologies open the 'black box of mathematics' to make its learning an intriguing, fascinating and accessible subject for all. Technology is not bad.

City organisations, commercial and livery as well as members of the wider education communities can take advantage of the Seminars covering Education across the age groups as well as considering the impacts of technologies on mathematics thinking, teaching and learning.

Dr Elisabeth Goodwin, Master of the Worshipful Company of Educators said:

'Mathematics is an important framework for education and for the City of London. As a Mathematician I want my Master's Seminars to provide useful information for Educators and for the wider community. Technology is increasing important for the understanding and learning of Maths and we are pleased to have a leading scholar from UCL Institute of Education to start our discussions.'

Dr Alison Clark-Wilson, Principal Research Lead, UCL Educate Project said:

'Few people consider the original human-made mathematical tools, such as compasses, straight edges, slide rules and logarithms as technologies. The arrival of digital mathematical tools has offered us a new set of ways to understand how the mathematics we teach and learn is shaped by the design and use of all tools.'

The Seminars are held at the City of London campus of Anglia Ruskin University. The '**Black Box of Mathematics**' Seminar provided by the Worshipful Company of Educators will be held on Monday 4th March 2019, starting at 6pm. //ENDS//



Worshipful Company of Educators

Notes to Editors

1_ The Worshipful Company of Educators

The Worshipful Company of Educators was the 109th Livery Company to be granted this status by the City of London, in 2013. It was founded as a Guild in 2001 within the philanthropic tradition of the City of London livery companies. It provides a forum through meetings and social occasions to bring together members from all parts of the education world to discuss and exchange views on matters of topical interest. The Educators Trust Fund - Charity Reg. No. 1104355 - provides Awards and Bursaries to recognise, promote and reward good practice in three main areas - Prison Education, Hospital Education and Armed Forces Training.

2_ Dr Goodwin

Master Educator, Lis Goodwin has had mathematics as the basis of her career for many years. She has a first degree in mathematics, a Master's degree in statistics and a PhD in statistical applications. She was a polytechnic lecturer and inspector of higher education in mathematics. She then worked as the director of education for the actuarial profession. She was for several years a Council member and then Treasurer of the Institute of Mathematics and its Applications. Her ambition is to make mathematics seen as a fun and useful subject relevant to all rather than a closed, scary and difficult one!

3_ Dr. Alison Clark-Wilson, Principal Research Lead, UCL Educate Project, UCL Institute of Education, UCL Knowledge Lab

Dr Alison Clark-Wilson is a former secondary school mathematics teacher who now works as a Principal Researcher at UCL Knowledge Lab, UCL Institute of Education. She has been developing, evaluating and researching mathematical technologies since her first year of teaching (in 1993) when she participated in the first pilot study of graphing calculators in UK classrooms

4_ Anglia Ruskin University. London – ARU, London

Anglia Ruskin University has a campus in the very heart of the City of London offering unprecedented access to a host of potential employers and careers, ARU London is the perfect place to build the skills and gain the knowledge for a successful career. ARU London offers a range of Undergraduate and Postgraduate degrees specialising in Business, Law and Healthcare related courses, all delivered alongside an Employability Scheme to ensure that graduates have an excellent degree and employability.

Image available on request : 3853 x 2552 pixels//300 dpi

Ticketing Data//Eventbrite : <https://tiny.cc/0403--BB>

Further information : Jon Pettigrew seminarsecretary@co-educators.com