



[Contact us](#) [Sitemap](#) [Our benefactors](#) [Help](#)

[Home](#)

[British Science Festival](#)

[Booking](#)

[About Surrey](#)

[Schools' Programme](#)

[Student Bursaries](#)

[About the Festival](#)

[Event Organisers](#)

[Contact the Festival team](#)

British Science Festival

Event details

STANDING ON THE SHOULDERS OF GIANTS; CELEBRATING MUSLIM HERITAGE IN OUR WORLD.

[add to basket](#)

Organisation:	Foundation for Science, Technology and Civilisation
Collaborative organisations:	1001 Inventions
Date of Event:	Start Date: 08/09/2009 End Date: 08/09/2009
Time of Event:	Start time: 13:30 - End time: 15:30
Sponsors / Supporters:	ASE, QCA
Event Summary:	After the Roman Empire, there was an extraordinary blossoming of scientific activity radiating from Baghdad and along a glittering crescent through North Africa, Spain and into Southern Italy for about a thousand years after 600 CE. Join us to showcase some of the fascinating innovations of this period and explore their relevance in today's world.
Audience level:	4. All adults
Event Category:	History, heritage and religion
Keyword:	Culture, History, Curriculum Enrichment, Engagement
Booking information:	
Venue:	LT D (Griffiths), University of Surrey

[Print](#)

Event Agenda

08/09/2009 13:30 - 13:00	Welcome and overview of the session Dr Anne-Maria Brennan - London South Bank University	Welcome / Introduction
08/09/2009 13:35 - 13:45	Welcome from the British Science Association Sir Roland Jackson - British Science Association	Welcome / Introduction
08/09/2009 13:45 - 14:00	Giants from the past Dr Anne-Maria Brennan - London South Bank University A golden age of civilization, from 600 and 1600 CE, will unfold, as you discover medieval Muslims who were trailblazers in fields as diverse as medicine and mechanics, cartography and chemistry, education and engineering, architecture and astronomy. No area was too obscure to miss the scrutiny of enquiry backed up by rigid scientific experimentation.	Talk
08/09/2009 14:00 - 14:15	Curriculum Enrichment Ms Marianne Cutler - Association for Science Education The ASE has been working with FSTC with support from QCA to develop, trial and evaluate teaching materials to help teachers with this new part of the Programme of Study. The project aims to enrich the KS3 curriculum and to inspire, challenge, include and support all learners aged KS3 through the production of innovative exemplar materials relevant to science and history.	Talk
08/09/2009 14:15 - 14:30	Celebrating the past and informing the future Dr Silke Ackermann - British Museum Prepare to embark on a voyage of discovery through a thousand years of science and technology and get a glimpse into the lives of the medieval pioneers whose ingenious inventions have helped create our world today.	Talk
08/09/2009 14:30 - 14:00	Optical giants Professor Mohamed El Gomati - University of York They say seeing is believing. We rely on Optics everyday. Virtually unknown physicists AlKindi, Ibn Haytham, and Kamaluldin Al-Faresi have played crucial roles in	Talk

developing this science. All three have paved the way to modern Optics by laying a solid foundation of clear physical picture supported with a mathematical rigour that astonishes even today.

08/09/2009 14:45 - 15:15	Panel discussion and Q&A	Questions and Answers
08/09/2009 15:15 - 15:30	Reception	Reception / Refreshment Break

[<< back](#)



[Home](#) | [Contact us](#) | [Sitemap](#) | [Our benefactors](#) | [Help](#) | [Search](#) | [Privacy & terms of use](#)