

# Alexander Lanzon

## PhD MPhil, B.Eng.(Hons)

Control Systems Centre  
School of Electrical and Electronic  
Engineering  
University of Manchester  
UK  
Expertise: Control Engineering

### Personal Profile

Alexander Lanzon was born in Malta on 9<sup>th</sup> December 1974. He is the second child of Victor and Pauline Lanzon from Marsaskala. He has one elder sister, Gertrude, one younger sister, Nadia, and one younger brother, Matthew.

He attended primary school initially at De La Salle College, Bormla, and subsequently at Paola Primary School. He then attended "Tal-Handaq" Junior Lyceum in Qormi and read for his A-levels at the 6<sup>th</sup>-form in Msida. Alexander received the B.Eng.(Hons). degree in Electrical Engineering from the University of Malta and his Masters' and Ph.D. degrees in Control Engineering from the University of Cambridge (UK). Before joining the faculty of the University of Manchester (UK) in 2006, Dr Lanzon held academic positions at the School of Aerospace Engineering at Georgia Institute of Technology (USA) and at the Australian National University (Australia). Alexander also worked briefly at Bauman Moscow State Technical University (Russia), and in industry at ST-Microelectronics Ltd. (Malta),



Yaskawa Denki Tokyo Ltd (Japan)  
and National ICT Australia Ltd.  
(Australia).

Alexander met his wife, Laura, in Cambridge (UK) while they were both studying for their Ph.D. degrees. While Alexander's PhD degree is in Control Engineering, Laura's PhD degree is in Paleoceanography. They have two daughters, Dominique and Nicole, who were both born in Australia. Alexander and his family are now residing in Cheshire, UK. Whilst they speak Italian at home, Alexander maintains his Maltese fluency with regular telephone calls to his mum back home in Malta.

Alexander Lanzon with parents and siblings many years ago!



Some photos of Alexander Lanzon over the years!



Alexander Lanzon with wife Laura, and daughters Dominique and Nicole



co-submitted a patent on an invention of a new class of rotary wing vehicles, a prototype of which has competed at the UK's Ministry of Defence Grand Challenge and was reported in various high profile media including the BBC and Times Higher Education supplement.



## Research Profile

Whilst working at the Bauman Moscow State Technical University, Russia Alexander participated in the design and testing of an underwater robot for deep sea exploration. Alexander's present interests presently include robust feedback control systems. These systems have applications to aerospace control (including Unmanned Aerial Vehicles). He is also interested in flight dynamics and control of new air vehicle concepts. In fact, he has recently



## **Other interests**

Alexander enjoys the outdoors available in the greater Manchester region and like any dad loves spending time with his young family.

## **Relevant Links or info**

Further information about Dr Lanzon and his research may be viewed at  
<http://personalpages.manchester.ac.uk/staff/Alexander.Lanzon/>