

Prof Chris Toumazou

Director and Chief Scientist
Institute of Biomedical Engineering
Imperial College London

Personal Profile

Chris Toumazou was born in England in 1961. His family, both mother and father are from Cyprus-Yialousa, Nada, to the north of Cyprus and they moved over in the late fifties. He was educated in England, did his first degree in Oxford and then moved to Imperial College in 1986. Chris was an engineer very much involved with telecommunications. So he used to develop things like mobile phones. So we were very very excited about making things with very very low power... to make the mobile phone very small.

What was very exciting about this whole area is if you just apply a fraction of this technology to health care, you can make some very very major innovations.

He was made a Professor at Imperial College at 33, one of the youngest ever, in recognition of his outstanding research



Research Profile

Professor Toumazou has made outstanding contributions to the fields of low power analogue circuit design and current mode circuits and systems for radio frequency and biomedical applications. Through his extensive record of research he has invented innovative electronic devices ranging dual mode cellular phones to ultra-low power devices for both medical diagnosis and therapy. For example a chip attached to a bandage-like sensor can measure Blood pressure 24/7 and send it to a mobile and through that to a hospital. This would be able to work round the world and is called Sensium technology. Prof Tomazou is also very good at exploiting the results of his research. He holds 23 patents in the field of Radio Frequency and ultra low power electronics and is the founder of four technology companies.



Relevant Links or info

Further information about Toumaz Technology Ltd view
<http://www.toumaz.com/public/hospitals.php>

For further information about Prof Toumazou's research view
<http://www3.imperial.ac.uk/people/c.toumazou>