



Dr Jean-Michel Le Floch, 2010 Young Radio Scientist

Dr Jean-Michel Le Floch was educated in France and was awarded a Bachelor Degree in Electricity Engineering Electronics Automation with option Signal theory in 2002 and subsequently achieved Honours in Radio Frequency and Optical Communications in 2003, at the University of Limoges.

In 2007 Jean-Michel completed a double badged doctorate jointly from the University of Limoges, France and the University of Western Australia (UWA). During his thesis he studied high Q dielectric resonators using Bragg reflectors and also whispering gallery modes for metrology applications.

In 2007, he was working as a Centre National de la Recherche Scientifique (National Centre for Scientific Research) postdoctoral fellow at XLIM Institute in Limoges on thin film ferroelectric microwave devices and characterizing thin film materials. In 2008, he was awarded an Australian Research Council postdoctoral fellowship within the ARC International linkage scheme to work with the Frequency Standards and Meteorology Group (FSM) at UWA in Perth. Then in 2009, he was appointed to a three year position as an ARC Research Fellow in the FSM Group where his work involves designing high-Q resonators and low phase noise oscillators at Extremely High Frequencies (EHF).

In 2008 Jean-Michel received an Early Career Award at the Conference on Precision Electromagnetic Measurements held in Colorado, USA, and the Young Scientist Award from the International Council for Science (ICSU) at International Union for Radio Science (URSI) held in Chicago, USA.

Jean-Michel 's poster is entitled "From micro to millimetre waves low phase noise and filtering devices design".