Winning the Peter Baker Travelling Fellowship (Feb-Apr 2012) allowed me to join the internationally reputed group headed by Professor Sebastian Kozerke at the ETH Zurich for three months. During my Fellowship, I actively participated in their lab activities, learning how to set up in vivo cardiac Magnetic Resonance Imaging experiments and extending my knowledge towards dynamic imaging techniques that allow delineation not only of subtle metabolic changes but to gain this information from different regions of the heart in the in vivo situation. Whilst there I also developed kinetic models for in vivo hyperpolarised experiments and tested their robustness to noise through Monte Carlo simulations. This study helped the group to optimize the signal to noise ratio in their dynamic imaging techniques. This invaluable experience not only allowed me to acquire expertise that I will use towards the remainder of my PhD studies but also enabled me to strengthen the productive collaboration with Professor Kozerke and his group that has already lead to a publication in an international Journal. I am currently further optimizing the model I developed in Zurich for kinetic analysis of hyperpolarised tracers in vivo with the aim of writing a second paper soon. In the three months spent in Zurich I also had the opportunity to attend the "Philips pulse programming" course organised by GyroTools. The three month project in Zurich was really productive and enjoyable as well as being important for my personal growth, enabling me to appreciate scientific research within a European as well as International context.