

STUDY GROUP SESSION

Title: X-Nuclei Imaging

Day: Tuesday, 10 May 2016

Time: 10:00-12:00

Room #: Hall 406 D

Study Group Chair, Claudia Wheeler-Kingshott, Ph.D.; Vice Chair, Keith R. Thulborn, M.D., Ph.D. ; Secretary, Christian Beaulieu, Ph.D. ;

Committee: Trainee Representative, Frank Riemer, M.Sc.

2016-2017 Incoming Committee: Secretary, Fernando E. Boada, Ph.D.; Trainee Representative, Manuela B. Rösler, Dr. rer. nat.

Overview: Magnetic resonance imaging of x-nuclei *in vivo* is emerging with new methods, applications, and the proliferation of high field broadband MRI clinical scanners. The first ever X-nuclei MRI workshop will be discussed. Then an overview will be provided of various X-nuclei MRI including the peculiarities of acquisition *in vivo* and the demonstrated and potential applications.

10:00	Introduction - Welcome & Business Meeting	Claudia A. Gandini Wheeler-Kingshott, Ph.D. UCL Institute of Neurology, United Kingdom
10:10	X-Nuclei Imaging Workshop	Keith R. Thulborn, M.D., Ph.D. University of Illinois at Chicago, CMRR, USA
10:25	Which X-Nuclei is the Future of MRI? <i>Moderators: Christian Beaulieu, Ph.D. & Frank Riemer, Ph.D.</i>	
	¹⁹ F	TBA
	²³ Na MRI	TBA
	Other X MRI	TBA
	Discussion	
11:50	Networking	
12:00	Adjournment	