Wednesday, October 9, 2013
8:00 am Registration/Breakfast
8:30 am Welcome Malgorzata Marjanska
8:35 am Lecture: Introduction to Spectroscopy Melissa Terpstra
9:15 am Break
9:25 am Lecture: RF Pulses Michael Garwood
10:10 am Break
10:20 am Lecture: Single Voxel Pulse Sequences Malgorzata Marjanska
11:00 am Break
11:10 am Lecture: Shimming Ivan Tkac
11:40 am Lecture: Spectral Quality Isabelle Iltis
12:00 pm Lunch
1:00 pm Lecture: GABA Detection and Quantification Melissa Terpstra
1:30 pm Lecture: Hot Topics: fMRS Petr Bednarik
1:50 pm Break
2:00 pm Lecture: Body Spectroscopy: Breast, muscle and marrow Patrick Bolan
2:30 pm Lecture: Body Spectroscopy: Spinal cord Isabelle Iltis
2:45 pm Break
3:00 pm Hands-on: Data Acquisition on Varian 9.4 T Animal Scanner Ivan Tkac
5:00 pm Coffee at 10.5 T

Thursday, October 10, 2013
8:00 am Breakfast
8:30 am Hands-on: Data Acquisition on Siemens 7 T/PS Human Scanner Malgorzata Marjanska
10:30 am Break
10:40 am Lecture: Chemical Shift Imaging Tom Scheenen
11:10 am Lecture: Body Spectroscopy: Prostate Gregory Metzger
11:25 am Break
11:35 am Lecture: $^{13}$C Spectroscopy Pierre-Gilles Henry
12:05 pm Lunch
1:00 pm Lecture: Hot Topics: Hyperpolarized $^{13}$C Malgorzata Marjanska
1:15 pm Lecture: $^{17}$O and $^{31}$P Spectroscopy Xiao-Hong Zhu
1:45 pm Break
1:55 pm Lecture and Hands-on: Post-processing Dinesh Deelchand
3:25 pm Break
3:35 pm Lecture and Hands-on: LCModel Dinesh Deelchand
4:35 pm Break
4:45 pm Q & A Hour All Faculty
5:45 pm Adjourn