

2010-2011 MRI Physics For Clinicians

All Sessions held Mondays, Noon-1pm (except as noted).

Date	Room	Speaker	Topic
<i>(Concurrent with "Physics for Radiology Residents")</i>			
Mon. 7/19/2010	1022 WIMR	Frank Korosec	Introduction and Overview
Tues. 7/20/2010	1022 WIMR	Frank Korosec	Basic Physics - I
Wed. 7/21/2010	1022 WIMR	Frank Korosec	Basic Physics - II
Thurs. 7/22/2010	1022 WIMR	Frank Korosec	Basic Physics - III
Fri. 7/23/2010	1022 WIMR	Frank Korosec	Image Formation
Mon. 7/26/2010	1022 WIMR	Frank Korosec	Imaging Sequences
Tues. 7/27/2010	1022 WIMR	Frank Korosec	Imaging Options
Wed. 7/28/2010	1022 WIMR	Frank Korosec	Artifacts and Remedies
Thurs. 7/29/2010	1022 WIMR	Frank Korosec	Safety and Screening
Mon. 7/30/2010	1022 WIMR	Frank Korosec	Questions and Answers
<i>(Advanced Sessions)</i>			
Mon. 8/2/2010	MFCB 1220	Frank Korosec	Fast Spin Echo (FSE)
Mon. 8/9/2010	MFCB 1220	Frank Korosec	Advanced Gradient Echo Imaging
Mon. 8/16/2010	---	---	No Lecture
Mon. 8/23/2010	MFCB 1220	Karl Vigen	Echo-Planar Imaging (EPI)
Mon. 8/30/2010	MFCB 1220	Frank Korosec	Limits of Spatial Resolution
Mon. 9/6/2010	---	---	No Lecture - Labor Day Holiday
Mon. 9/13/2010	---	---	No Lecture - Neuro Boot Camp
Mon. 9/20/2010	---	---	No Lecture - Body Boot Camp
Mon. 9/27/2010	F2/401	Scott Nagle	Adventures in k-Space
Mon. 10/4/2010	F2/401	Reed Busse	CUBE (XETA)
Mon. 10/11/2010	---	---	No Lecture - Chest Boot Camp
Mon. 10/18/2010	---	---	No Lecture (Residents' Conference)
Mon. 10/25/2010	F2/401	Aaron Field	Principles of Diffusion-Weighted Imaging (DWI)
Mon. 11/1/2010	F2/401	Aaron Field	Advanced DWI/DTI
Mon. 11/8/2010	F2/401	Aaron Field	Principles of Perfusion Imaging
Mon. 11/15/2010	---	---	No Lecture (Residents' Conference)
Mon. 11/22/2010	F2/401	Karl Vigen	Balanced SSFP (FIESTA) Imaging
Mon. 11/29/2010	---	---	No Lecture - RSNA
Mon. 12/6/2010	F2/401	Karl Vigen	Alternate Trajectories (PR, VIPR/3D-PR, Propeller)
Mon. 12/13/2010	F2/401	Scott Reeder	Fat Suppression & Fat/Water Imaging
Mon. 12/20/2010	---	---	No Lecture (Residents' Conference)
Mon. 12/27/2010	---	---	No Lecture - Holidays
Mon. 1/3/2011	---	---	No Lecture - Holidays
Mon. 1/10/2011	F2/401	Frank Korosec	Phase Contrast MRA
Mon. 1/17/2011	---	---	No Lecture - MLK, Jr. Holiday / Residents' Conf.
Mon. 1/24/2011	F2/401	Frank Korosec	Time of Flight MRA
Mon. 1/31/2011	F2/401	Frank Korosec	Contrast Enhanced MRA
Mon. 2/7/2011	F2/401	Alexey Samsonov	Intro to Parallel Imaging
Mon. 2/14/2011	F2/401	Oliver Wieben	Non-Contrast Enhanced MRA
Mon. 2/21/2011	F2/401	Oliver Wieben	Cardiac MRI
Mon. 2/28/2011	---	---	No Lecture (Residents' Conference)
Mon. 3/7/2011	F2/401		
Mon. 3/14/2011	F2/401		
Mon. 3/21/2011	---	---	No Lecture (Residents' Conference)
Mon. 3/28/2011	F2/401		
Mon. 4/4/2011	F2/401	Scott Reeder	Principles of Phase Manipulation
Mon. 4/11/2011	F2/401		
Mon. 4/18/2011	---	---	No Lecture (Residents' Conference)
Mon. 4/25/2011	F2/401		
Mon. 5/2/2011	F2/401		
Mon. 5/9/2011	---	---	No Lecture - ISMRM
Mon. 5/16/2011	---	---	No Lecture (Residents' Conference)
Mon. 5/23/2011	F2/401		
Mon. 5/30/2011	---	---	No Lecture - Holiday
Mon. 6/6/2011	---	---	No Lecture - ASNR
To be scheduled:			Karl Vigen 3T vs. 1.5T
			Frank Korosec Radial Imaging and HYPR
			Karl Vigen Phased Array Imaging
			F. Korosec / K. Vigen Advanced Sequences w/ Acronyms
			TBD MR Spectroscopy
Scheduled at other times:			Beth Meyerand Functional MRI (fMRI)
			Howard Rowley Diffusion / Perfusion Applications in Stroke
			Guofan Xu Arterial Spin Labeling (ASL) Perfusion