

SRF 2011 Conference Tutorials

Thursday July 21

**Building 240 (TCS)
Room 1416**

9:15 - 10:30	Registration and Refreshments	
10:30 - 10:45	Welcome	
10:45 - 12:15	Basic Principles of RF Superconductivity	S. Calatroni, CERN
12:15 - 13:15	Lunch	
13:15 - 14:45	TM-class Cavity Design	J. Sekutowicz, DESY
14:45 - 16:15	TEM-class Cavity Design	J. Delayen, ODU
16:15 - 16:30	Coffee Break	
16:30 - 18:00	LLRF Control and Cavity Tuning Systems	B. Chase, FNAL

Friday, July 22

**Building 240 (TCS)
Room 1416**

8:30 - 9:00	Refreshments	
9:00 - 10:30	Design, Fabrications and Operation of HOM-Coupler for SC Cavities	W.D. Moeller, DESY
10:30 - 10:45	Coffee Break	
10:45 - 12:15	Fundamentals of Cryomodule Design: Theory and Practice	T. Peterson, T. Nicol, FNAL
12:15 - 13:15	Lunch	
13:15 - 14:45	Practical Aspects of SRF Cavity Testing/Operation	T. Powers, JLAB
14:45 - 16:15	Operational Aspects of SC RF Cavities with Beam	M. Liepe, Cornell
16:15 - 16:30	Coffee Break	
16:30 - 18:00	Methods and Simulation Tools for Cavity Design	F. Krawczyk, LANL

18:30

Pizza and Pop

Building 402 (APS) Gallery

Saturday, July 23

**Building 402 (APS)
Gallery**

8:30 - 9:00	Refreshments	
9:00 - 10:30	SRF Issues about Materials and Surfaces	C. Antoine, Saclay
10:30 - 10:45	Coffee Break	
10:45 - 12:15	Limits in Cavity Performance	R. Geng, JLAB
12:15 - 13:15	Lunch	
13:15 - 14:45	Beyond Niobium: New SRF Materials	T. Tajima, LANL
14:45 - 16:15	Clean-Room Techniques	D. Reschke, DESY

16:45

Bus leaves for Chicago from Argonne Guest House