



RISQ G4CMP Workshop Welcome

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Workshop Goals

Largely see workshop as having three main goals:

- Explore technical details of modeling low-energy phenomena in cryogenic devices
- Understand how and where we can share resources to collaborate on common problems
- End of day: draft a summary report for presentation/discussion at main RISQ workshop tomorrow/Friday

08:00 Agenda Overview

08:00	G4CMP Workshop: Welcome and Introduction <i>One West, Wilson Hall</i>	<i>Ryan Linehan</i> 08:50 - 09:00
09:00	G4CMP Workshop: Current G4CMP Capabilities <i>One West, Wilson Hall</i>	<i>Michael Kelsey</i> 09:00 - 09:35
	G4CMP Workshop: Planned Upgrades to G4CMP <i>One West, Wilson Hall</i>	<i>Noah Kurinsky</i> 09:35 - 10:10
10:00	G4CMP Workshop: Lightning Talks	
11:00		
12:00	<i>One West, Wilson Hall</i>	10:30 - 12:15
	G4CMP Workshop: Tutorial <i>Hornet's Nest, Wilson Hall</i>	13:30 - 15:00
14:00		
16:00	G4CMP Workshop: Community Organization & Development <i>One West, Wilson Hall</i>	
17:00	15:15 - 18:00	
18:00		

Morning session: G4CMP’s capabilities, applications, and wishlist

Early-afternoon session: “How to get started:” advanced tutorial and how get some of the quantities we need to simulate materials

Late-afternoon session: Auxiliary tools: detector response code and community organization around those