Day 0 (Westin) 7:00 – 9:00 pm - November 6
(check at hotel for room assignment)
Registration and Kick-off Meeting
Intro: M. Dantus and P. Bohn (15 min)
KickOff Lecture: Albert Lazzarini – LIGO (30 min)
Review of proposed ideas: Dantus/Bohn (30 min)
Logistics/Agenda (15 min)

Day 1 (NSF Stafford II-Room 555)- November 7
Continental Breakfast 8:00 - 8:30 am
Session 1: Thinking Big – M. Dantus
Opening Remarks: A. Wilson - Chemistry Division, NSF
Lecture 1 (invited): 8:40 - 9:10 am – G. Cooks
Lecture 2 (invited): 9:10 – 9:40 am – C. Barty
Mini-Panel (Cooks/Barty): 9:40 - 10:10 am
Break 10:10 – 10:30 am
Session 2: Disruptive technologies and 'impossible' measurements - P. Bohn
Lecture 3 (invited): 10:30 - 11:00 am – L. Smith
Lecture 4 (invited): 11:00 – 11:30 am – P. Weiss
Mini-Panel (Smith/Weiss): 11:30 - 12:00
Working Lunch 12:00-1:00 pm
Clustering the ideas submitted

Break-Out Session 1: 1:00 - 2:00 pm
(~8 participants for each of 4 break-out groups)
Reports from Break-Out Sessions: 2:00 - 2:50 pm (4 reports, 10 minutes each)
Break 2:50 - 3:10 pm
Session 3: The Quantum Leap – N. Fell

Lecture 5 (invited): 3:10 - 3:40 pm – G. Engel
Lecture 6 (invited): 3:40 - 4:10 pm – M. Buchanan
Mini-Panel (Engel/Buchanan): 4:10-4:40
Summary and Evening Thoughts: 4:40-5:00
Dinner 6:00 - 8:00 pm

Day 2 (NSF Stafford II-Room 555)- November 8
Continental Breakfast 8:00 - 8:30 am
Session 4: Understanding the Rules of Life – J. Laskin
Lecture 7 (invited): 8:30 - 9:00 am – M. Cicerone
Lecture 8 (invited): 9:00 – 9:30 am – T. Goodson
Mini-Panel (Cicerone/Goodson): 9:30 – 10:00 am

Vision and Summary 10:00-10:30
F. Crim – MPS, NSF 10:10 – 10:30
Break 10:30-10:50
Logistics/Agenda 10:50-11:00
Break-Out Session 2: Project Refinement 11:00-12:00
(~ 8 participants for each of ~ 4 break-out groups)
Participants rotate and contribute to each group
Working Lunch 12:00-1:00 pm
Further refinement of projects and preparing reports
Reports from Break-Out Sessions: 1:00 - 1:50 pm- 4 reports/presentations, 10 minutes each
Closing Session: Moderators - Bohn/Dantus
1:50 – 3:00 pm Summary and Discussion of Broader Impacts, buy in from other agencies, and industry.
Adjourn – 3:00 pm