Thursday, March 7, 2013
Cahill Center and Winnett Lounge

7:30-8:15  Breakfast              Cahill Center, Back Patio

8:30-10:30  Approaches to Ultrahigh Efficiency Solar Energy Conversion
Public Webinar, Hameetman Auditorium at the Cahill Center

  8:30-9:00  Harry Atwater, “Photonic Design Principles for Ultrahigh-Efficiency
            Photovoltaics”
  9:00-9:30  John Rogers, “Microscale Solar Cells for Macroscale Power Generation”
  9:30-10:00 Eli Yablonovitch, “The Multi-Spectral Opto-Electronic Physics of Solar
            Cells, Efficiencies >30%”
  10:00-10:30  Panel Discussion: “Future Directions for Light-Material Interactions in
                Photovoltaics” (Nate Lewis, Paul Alivisatos, Paul Braun)

10:30-11:00  Break
             Move to Winnett Lounge, continue Annual Meeting with LMI personnel only

11:00-11:15  Welcome and Introductions  Winnett Lounge
             (Harry Atwater and Carrie Hofmann)

11:15-12:15  Brainstorm Session 1: Full spectrum photovoltaics  Winnett Lounge
             (Facilitators Emily Kosten, Korok Chatterjee, and Neil Krueger)

12:15-2:00   Lunch and Poster Session  Jorgensen

2:00-3:00    Brainstorm Session 2: Light management in multijunction solar cells
             (Facilitators Carissa Eisler, Chi-Sing Ho, and Xing Sheng)  Winnett Lounge

3:00-3:30    Break

3:30-4:30    Brainstorm Session 3: Graphene photonics  Winnett Lounge
             (Facilitators Victor Brar, Noah Bronstein, and Runyu Zhang)
5:30-7:00 Dinner

7:00-8:00 Brainstorm Session 4: Laser and light processing of materials for energy
(Facilitators Dave Carlson, Bryce Sadtler, and David Barth)

Friday, March 8, 2013
Winnet Lounge

8:00-8:30 Breakfast

8:30-9:30 Brainstorm Session 5: New conversion mechanisms: plasmonics, hot-carriers, and upconversion, etc.
(Facilitators Matt Sheldon, Vivian Ferry, and Lanfang Li)

9:30-10:30 Brainstorm Session 6: Unconcentrated solar thermal energy generation
(Facilitators Austin Minnich and Hailong Ning)

10:30-11:00 Break

11:00-11:30 2012-2013 Annual Report Preparations and Acknowledgements

11:30-12:00 Additional discussion time

12:00-1:00 Lunch

1:00-5:00 Lab tours (Atwater, Lewis, Minnich labs; JCAP; KNI) and opportunities for small group discussion