Program sessions

Wednesday, June 27

8:00-8:30 am  Continental Breakfast

8:30-9:00   Welcome: DOE- David Thomassen
             NASA-Walter Schimmerling

9:00-9:45   Guest speaker: Claire Frasier? (The new genomics, high throughput proteomics)

9:45-10:00  Coffee Break

Session A -Tools and Technology
10:00-10:30 Overview speaker: Leslie Braby

10:30-11:30 Panel: Exposure Technology and Facilities
             Barry Michael, Leslie Braby, Greg Kimmel, Derek Lowenstein,
             Gregory Nelson, Richard Smith, Walter Wilson, Hiroshi Yasuda,
             Ugo Amaldi or Mavro Belli

11:30-12:30 Panel: Radiation Environments of Concern to NASA
             Tom Borak, James Adams, Gautam Badhwar, Lawrence
             Heilbronn, Richard Maurer, Jack Miller, John Turner, John
             Wilson, Cary Zeitlin

12:30 – 1:30 pm  Lunch (On your Own)

1:30 – 2:15   Guest speaker: Douglas Spitz (Reactive oxygen species, endogenous oxidative stress, radiation-induced ROS)

Session B -- Characterization of Initial Biological Damage and Repair
2:15-2:45   Overview speaker: Susan Wallace (also, comments on structural biology projects)

2:45-3:00  Coffee Break

3:00- 4:00  Panel: DNA, Mutation, and Chromosome Damage and repair
             Michael Cornforth, James Haber, Priscilla Cooper, Larry
             Thompson, Kerry Bloom, William Dynan

4:00-5:00   Panel: Radiation vs Endogenous Damage and Repair
             Edwin Goodwin, Betsy Sutherland, Bruce Ames, Alec Morley,
             Susan Wallace

5:30 - 7:30 pm  POSTER VIEWING
Thursday, June 28

8:00-8:30 am  **Continental Breakfast**

8:30-9:30  **Guest Speaker: Mina Bissell**  (Non-nuclear targets in radiation-induced cancer)

**Session C -- Processing of Cellular and Molecular Damage**
9:30-10:00  Overview Speaker: **Thea Tlsty**

10:00-10:15  **Coffee Break**

10:15-11:30  **Panel: Gene Induction and Adaptive Response**  

11:30-1:00  **Lunch (On your Own)**

1:00-2:30  **Panel: Bystander Effects and Genomic Instability**  
Charles Geard, Bruce Lehnert, John Little, Helen Evans, David Boothman, Eric Hall, Amy Kronenberg, Thea Tlsty, William Morgan

2:30-3:00  **Coffee Break**

3:00 – 4:00  **Guest Speaker: Sharon Friedman**  (communicating science with the public)

**Session D – Communication and Outreach**

4:00 – 5:00  **Panel: Communication and Outreach**  
Antone Brooks, Jim Flynn, John Wassom, Dick Bull, Sharon Friedman, NCRP representative(James Adelstein)

5:30 – 7:30 pm  **POSTER VIEWING**
Friday, June 29

8:00-8:30 am  Continental Breakfast

8:30 – 9:45  Guest Speaker: Michael Gould (Use of animal models in cancer research)

Session E - Tissue and Animal Models
9:45 - 10:15 Overview Speaker: Eleanor Blakely

10:15 - 10:45 Panel: Late Degenerative Radiation Effects
   Marcelo Vasquez, Eleanor Blakely, Bernard Rabin, Richard Setlow

10:45 - 11:00 Coffee Break

11:00 - 12:00 Panel: Expression of Radiation Induced Cancer:
   Mary Helen Barcellos-Hoff, Frederick Burns, John Dicello, David Huso,
   James Morris, Robert Ullrich, Polly Chang

12:00 - 1:30 pm  Lunch (On your Own)

1:30 – 2:15 Guest Speaker: Kenneth Mossman (Research needs for regulatory agencies)

Session F- Modeling and Radiation Risk Assessment
2:15 –2:45 Overview Speaker: Francis Cucinotta

2:45 –3:45 Panel: Modeling Risk of Low Doses, Low Doserates, and Different Radiation Qualities
   David Brenner, Suresh Moolgavkar, Robert Scott, David Hoel,
   Aloke Chatterjee, Kenneth Bogen, R.K. Sachs, Bruce Carnes,
   Francis Cucinotta, Lois Gold

3:45-4:00 Coffee Break

Session G –Genetic Susceptibility in Radiation-Induced Cancer
4:00 – 4:30 Overview speaker: Eric Hall

4:30 – 5:15 Panel: Genetic Susceptibility
   Jeffrey Schwartz, Joel Bedford, Eric Hall, Harvey Mohrenweiser,
   Louise Prakash
Saturday, June 30

8:00-8:30 am  Continental Breakfast

Session H: NASA Radiation Biology Review Panel Outreach Workshop
(all participants invited)

1:30 pm  Workshop adjourns

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