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## SCIENTIFIC PROGRAM (Sunday, May13)

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Date	Morning	Afternoon
May 13 (Sun)		6 pm-9 pm: <b>Reception at Hilton</b> [Van service between La Quinta and Hilton.]

May 13 Program

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## SCIENTIFIC PROGRAM (Monday, May 14)

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Date	Morning	Afternoon
May 14 (Mon)	<p> SESSION CHAIR: R. Allen 9:00-9:10 <b>H. Joseph Newton (Dean, College of Science)</b> <i>Welcome</i></p> <p>9:10-9:45 <b>Bonnie Fleming (Yale)</b> <i>MiniBooNE's First Result</i> (<a href="#">pdf</a>)</p> <p>9:45-10:20 <b>Joanna Dunkley (Princeton)</b> <i>WMAP</i> (<a href="#">pdf</a>)</p> <p>10:20-10:50  Break</p> <p> SESSION CHAIR: R. Arnowitt 10:50-11:25 <b>Frank Chlebana (Fermilab)</b> <i>Review and Ultimate Potential of Tevatron</i> (<a href="#">pdf</a>)</p> <p>11:25-12:00 <b>Steven Weinberg (UT Austin)</b> <i>Perspectives on Inflation</i> (<a href="#">pps</a>)</p> <p>12:00-1:00 Lunch</p>	<p> SESSION CHAIR: N. Suntzeff 1:00-1:35 <b>Gary Steigman (Ohio State)</b> <i>Nucleosynthesis</i> (<a href="#">ppt</a>)</p> <p>1:35-2:10 <b>Adam Riess (Johns Hopkins)</b> <i>Dark Energy from Supernovae at <math>z &gt; 1</math> using the Hubble Space Telescope</i> (<a href="#">ppt</a>)</p> <p>2:10-3:10 <b>Panel 1: Cosmological Parameter Measurements</b> [Dunkley, Massey, Pain, Riess, Smoot, Weinberg, and Suntzeff(moderator)]</p> <p>3:10-3:30  Break</p> <p> SESSION CHAIR: R. Webb 3:30-4:05 <b>Michael Dragowsky (Case Western Reserve)</b> <i>Dark Matter Search and CDMS</i> (<a href="#">ppt</a>)</p> <p>4:05-4:40 <b>Richard Massey (CalTech)</b> <i>Dark Matter Map</i> (<a href="#">ppt</a>)</p> <p>5:00 Walk to Memorial Student Center (MSC)</p> <p>5:30-7:00 <b>Dinner at MSC 206</b></p> <p>7:00 Walk to Rudder Tower</p> <p>7:30 <b>George Smoot (UC Berkeley &amp; LBNL)</b> <i>The Echoes of Creation</i> [Public Talk at Rudder Tower Theatre]</p> <p>8:45 from Rudder Tower to La Quinta Inn and Hilton by bus</p>

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## SCIENTIFIC PROGRAM (Tuesday, May 15)

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Date	Morning	Afternoon
May 15 (Tue)	<p> SESSION CHAIR: D. Toback 9:00-9:35 <b>Alexei Khokhlov (Chicago)</b> <i>SNiA Combustion Theory</i> (<a href="#">slide</a>)</p> <p>9:35-10:10 <b>Howie Baer (Florida State)</b> <i>SUSY Dark Matter Models</i> (<a href="#">slide</a>)</p> <p>10:10-10:30 ☞ Break</p> <p> SESSION CHAIR: J. Kumar 10:30-11:05 <b>Dragan Huterer (Chicago)</b> <i>Prospects For Measuring Properties Of Dark Energy</i> (<a href="#">slide</a>)</p> <p>11:05-11:40 <b>Tomio Kobayashi (Tokyo, Japan)</b> <i>LHC Machine Summary for Physics</i> (<a href="#">slide</a>)</p> <p>11:40-12:15 <b>Dimitri Nanopoulos (TAMU)</b> <i>How Supercritical String Cosmology (SSC) Affects LHC</i> (<a href="#">slide</a>)</p> <p>12:15-1:15 Lunch</p>	<p> SESSION CHAIR: M. Dragowsky 1:15-1:50 <b>Richard Easterher (Yale)</b> <i>Constraining Inflation</i></p> <p>1:50-2:25 <b>JoAnne Hewett (SLAC)</b> <i>Large Extra Dimension and Cosmological Connection</i> (<a href="#">slide</a>)</p> <p>2:25-3:25 <b>Panel 2: Cosmological Models</b> [Davis, Easterher, Huterer, Nanopoulos, Wood-Vasey and Kane(moderator)]</p> <p>3:25-3:45 ☞ Break</p> <p> SESSION CHAIR: K. Krisciunas 3:45-4:20 <b>Alex Kim (LBNL)</b> <i>SNAP, SCP</i> (<a href="#">slide</a>)</p> <p>4:20-4:55 <b>Michael Wood-Vasey (Harvard)</b> <i>Supernova Surveys - ESSENCE</i> (<a href="#">slide</a>)</p> <p>4:55-5:30 <b>Nicolao Fornengo (Torino/INFN, Italy)</b> <i>Dark Matter Detection Rate</i> (<a href="#">slide</a>)</p> <p>5:45 Depart for dinner by bus</p> <p>6:15 Banquet at <a href="#">Madden's</a> (local restaurant)</p> <p>8:00 Depart for La Quinta and Hilton by bus</p>

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Date	Morning	Afternoon
May 16 (Wed)	<p> SESSION CHAIR: D. Huterer 8:30-9:05 <b>Peter Garnavich (Notre Dame)</b> <i>Dark Energy</i></p> <p>9:05-9:40 <b>Frank Calaprice (Princeton)</b> <i>WARP</i></p> <p>9:40-10:15 <b>Reynald Pain (LPNHE, Univ. of Paris VI, France)</b> <i>Supernova Surveys - SNLS</i></p> <p>10:15-10:35 ☞ Break</p> <p> SESSION CHAIR: S. Su 10:35-11:10 <b>Wim de Boer (Karlsruhe)</b> <i>The dark connection between the Canis Major dwarf, the Monoceros ring, the gas flaring, the rotation curve and the EGRET excess of diffuse Galactic Gamma Rays</i></p> <p>11:10-11:45 <b>Marc R. Davis (UC Berkeley)</b> <i>DEEP2 Redshift Survey</i></p> <p>11:45-12:20 <b>Igor V. Moskalenko (Stanford)</b> <i>GLAST</i></p> <p>12:20-1:15 Lunch</p>	<p> SESSION CHAIR: R. Bryan 1:15-1:50 <b>James White (TAMU)</b> <i>SIGN, Potential WIMP Detection using Pressurized Gaseous Nobles</i></p> <p>1:50-2:25 <b>Robert Webb (TAMU)</b> <i>Neutrinos: Past, Present and Future</i></p> <p>2:25-3:25 <b>Panel 3: Dark Matter Detection</b> [de Boer, Dragowsky, Fornengo, White, Baer (moderator)]</p> <p>3:25-3:50 ☞ Break</p> <p> SESSION CHAIR: H. Baer 3:50-4:25 <b>Gordon Kane (Michigan)</b> <i>Cosmological Significance of a Discovery of WIMPs at Colliders or in Direct Experiments</i></p> <p>4:25-5:00 <b>Shufang Su (Arizona)</b> <i>Long Lived Charged Particle</i></p> <p>5:30 Walk to University Club (Rudder Tower)</p> <p>6:00-7:15 Dinner at University Club (11<sup>th</sup> floor) at Rudder Tower</p> <p>7:30 <b>Leon M. Lederman (Fermilab)</b> <i>Sputnik, Frogs, and Science Education</i> [Public Talk at Rudder Tower Theatre]</p> <p>9:00 Depart for La Quinta and Hilton by bus</p>

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Date	Morning	Afternoon
May 17 (Thu)	<p> SESSION CHAIR: D. Nanopoulos 9:00-9:35 <b>Leslie J Rosenberg (Washington)</b> <i>Axion Searches</i></p> <p>9:35-10:10 <b>Michael Peskin (SLAC)</b> <i>LHC, ILC and Dark Matter</i></p> <p>10:10-10:30 ☞ Break</p> <p> SESSION CHAIR: G. Kane 10:30-11:05 <b>Jean-Marie Frere (Universite Libre de Bruxelles)</b> <i>Baryogenesis, Leptogenesis</i></p> <p>11:05-11:40 <b>Dan Tovey (Sheffield)</b> <i>Dark Matter Searches at ATLAS</i></p> <p>11:40-12:15 <b>B. Paul Padley (Rice)</b> <i>Cosmology at Microscopic Scale - CMS</i></p> <p>12:15-1:15 Lunch</p>	<p> SESSION CHAIR: A. Safonov 1:15-1:50 <b>Peter McIntyre (TAMU)</b> <i>Accelerators for Future High Energy Physics</i></p> <p>1:50-2:25 <b>David Toback (TAMU)</b> <i>Particle Physics and Cosmology in the Co-annihilation Region</i></p> <p>2:25-3:25 <b>Panel 4: Collider Phenomenology</b> [Dutta, Kane, Padley, Tovey, Peskin (moderator)]</p> <p>3:25-3:45 ☞ Break</p> <p> SESSION CHAIR: J. White 3:45-4:20 <b>Daniel Hooper (Fermilab)</b> <i>Icecube</i></p> <p>4:20-4:55 <b>Saurabh Jha (SLAC)</b> <i>Hubble Constant</i></p> <p>4:55-5:30 <b>Thomas Shutt (Case Western Reserve)</b> <i>Dark Matter Detection With Liquid Xenon, With Recent Results From ZEPLIN II and XENON10</i></p> <p>5:45 Depart for BBQ party by bus</p> <p>6:15 BBQ party at <a href="#">Southwood Pavilion</a> (1600 Rock Prairie Road) in Southwood Athletic Park</p> <p>8:00 Back to La Quinta Inn and Hilton by bus</p>

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Date	Morning	Afternoon
May 18 (Fri)	<p> SESSION CHAIR: R. Rapp 9:00-9:35 <b>Andrew Gould (Ohio State)</b> <i>Microlensing: Elegant Tool for Physics and Astronomy</i></p> <p>9:35-10:10 <b>David Cline (UCLA)</b> <i>Science at Future Underground Labs</i></p> <p>10:10-10:30 ☞ Break</p> <p> SESSION CHAIR: N. Fornengo 10:30-11:05 <b>Mike Harrison (BNL)</b> <i>International Linear Collider</i></p> <p>11:05-11:40 <b>Gary Shiu (Wisconsin)</b> <i>String Cosmology</i></p> <p>11:40-12:15 <b>Louis Leblond (TAMU)</b> <i>Inflation from Branes</i></p> <p>12:15-1:15 Lunch</p>	<p> SESSION CHAIR: P. McIntyre 1:15-1:50 <b>Jason Kumar (TAMU)</b> <i>Hidden Sector Baryogenesis</i></p> <p>1:50-2:25 <b>Eiichiro Komatsu (UT Austin)</b> <i>Using the gamma ray background as a path to mapping dark matter clustering in the universe</i></p> <p>2:25-3:00 <b>Wim de Boer (Karlsruhe)</b> <i>The AMS Experiment</i></p> <p>3:00-4:00 <b>Panel 5: Future Telescope, Collider, and Underground Lab</b> [Cline, de Boer, Peskin, Suntzeff, and McIntyre (moderator)]</p> <p>4:00-4:20 ☞ Break</p> <p> SESSION CHAIR: W. de Boer 4:20-5:00 <b>Kim Griest (UCSD)</b> <i>Summary from cosmology viewpoint</i></p> <p>5:00-5:40 <b>Gordon Kane (Michigan)</b> <i>Summary from particle physics viewpoint</i></p> <p>6:00 Depart for hotels by bus</p>

May 18 Program