

# CIPANP 2006

## CIPANP 2006 Program

### Monday, May 29

4:00 – 8:00 pm **Conference Registration**

### Tuesday, May 30

#### **Plenary Sessions** (*chair: Scott Willenbrock*)

8:30 – 8:40 am David Hertzog, UIUC Welcome to CIPANP2006

8:40 – 9:20 am Krishna Kumar, UMass

*“Parity-Violating Electron Scattering: New Results and Future Prospects”*

9:20 – 10:00 am Gabriella Sciolla, MIT *“B Physics, CKM, etc.”*

10:00 – 10:30 am **Coffee Break**

#### **Plenary Sessions** (*chair: Jen-Chieh Peng*)

10:30 – 11:10 am Tom Hemmick, Stonybrook *“RHIC Heavy Ion Results”*

11:10 – 11:40 am Xin-Nian Wang, LBL *“QCD and Matter in Extremis”*

11:40 – 12:10 pm Haiyan Gao, Duke

*“New Results from BLAST on the Nucleon Electromagnetic Form Factors”*

12:10 – 2:30 pm **Lunch and Free Time**

2:00 – 3:30 pm **Companion Get-Together**

2:30 – 4:00 pm **Parallel Sessions**

Electroweak Physics & Physics Beyond the Standard Model – I

Neutrino Masses and Mixings – I

Nuclear and Particle Astrophysics – I

Low-Energy Hadron Physics – I

Hadron Spectroscopy and Exotics – I

Joint Sessions: Electroweak / Fundamental Symmetries

4:00 – 4:30 pm **Coffee Break**

4:30 – 6:00 pm **Parallel Sessions**

Fundamental Symmetries and CKM – I

Neutrino Masses and Mixings – II

Nuclear and Particle Astrophysics – II

Low-Energy Hadron Physics - II

Hadron Spectroscopy and Exotics - II

Nucleon Structures – I

6:30 – 8:00 pm **Welcome Reception**

## Wednesday, May 31

	<b>Plenary Sessions</b> ( <i>chair: Bob Jaffe</i> )
8:30 – 9:10 am	Wick Haxton, Washington “ <i>Nuclear Astrophysics</i> ”
9:10 – 9:50 am	Tony Tyson, UC-Davis “ <i>Cosmology</i> ”
9:50 – 10:20 am	<b>Coffee Break</b>
	<b>Plenary Sessions</b> ( <i>chair: Kam Seth</i> )
10:20 – 11:00 am	Roy Briere, CMU “ <i>Charm Physics</i> ”
11:00 – 11:30 am	Peter Lepage, Cornell “ <i>Highlights from Lattice QCD</i> ”
11:30 – 12:00 pm	Harry Nelson, UCSB “ <i>Review of Direct Searches for Dark Matter</i> ”
12:00 – 2:30	<b>Lunch and Free Time</b>
2:30 – 4:00 pm	<b>Parallel Sessions</b> Fundamental Symmetries and CKM – II Neutrino Masses and Mixings – III Nucleon Structures – II Electroweak Physics & Physics Beyond the Standard Model - II Low-Energy Hadron Physics - III Hadron Spectroscopy and Exotics - III
4:00 – 4:30 pm	<b>Coffee Break</b>
4:30 – 6:00 pm	<b>Parallel Sessions</b> Fundamental Symmetries and CKM – III Neutrino Masses and Mixings – IV Nucleon Structures – III Electroweak Physics & Physics Beyond the Standard Model - III Low-Energy Hadron Physics - IV Hadron Spectroscopy and Exotics - IV

## Thursday, June 1

	<b>Plenary Sessions</b> ( <i>chair: Roy Briere</i> )
8:30 – 9:10 am	Jonathan Rosner, Chicago “ <i>Hadron Spectroscopy in 2006</i> ”
9:10 – 9:50 am	Ed Kearns, Boston “ <i>Neutrino Physics Review</i> ”
9:50 – 10:20 am	<b>Coffee Break</b>
10:20 – 11:50 am	<b>Parallel Sessions</b> Nucleon Structures – IV High Energy Hadron Physics - I New Facilities & Instrumentation - I Joint: Fundamental Symmetries / CKM & Electroweak Physics / Physics Beyond the Standard Model Hadron Spectroscopy and Exotics - V Quark Matter & Heavy Ion Collisions - I
12:15 – 4:45 pm	<b>Rainforest Tour</b>

5:15 – 5:55 pm **Plenary Sessions** (*chair: Tony Liss*)  
 Paul Tipton, Rochester “*Top, Higgs, W and Z Physics*”  
 5:55 – 6:35 pm Xiangdong Ji, UMD  
 “*The Spin of the Proton: Looking Back and Looking Forward*”

**Friday, June 2**

8:30 – 9:10 am **Plenary Sessions** (*chair: Peter Barnes*)  
 Michel Garçon, Saclay  
 “*Deeply Virtual Compton Scattering and Nucleon Structure*”  
 9:10 – 9:50 am Klaus Rith, Erlangen  
 “*Spin Physics from HERMES, RHIC and COMPASS*”  
 9:50 – 10:10 am Low-Energy Hadron – Summary

10:10 – 10:35 am **Coffee Break**

10:35 – 11:15 am **Plenary Sessions** (*chair: Ed Berger*)  
 James Wells, Michigan  
 “*SUSY Direct & Indirect Sensitivities and Prospects*”  
 11:15 – 11:45 am Matthew Jones, Purdue “*What’s New with CDF*”  
 11:45 – 12:05 pm Neutrino Masses & Mixing - Summary

12:05 – 2:30 pm **Lunch and Free Time**

2:30 – 4:00 pm **Parallel Sessions**  
 Nucleon Structures – V  
 High Energy Hadron Physics - II  
 Nuclear and Particle Astrophysics – III  
 Fundamental Symmetries and CKM - IV  
 Quark Matter & Heavy Ion Collisions - II  
 New Facilities & Instrumentation - II

4:00 – 4:30 pm **Coffee Break**

4:30 – 6:00 pm **Parallel Sessions**  
 Nucleon Structures – VI  
 High Energy Hadron Physics - III  
 Nuclear and Particle Astrophysics – IV  
 Electroweak Physics & Physics Beyond the Standard Model - IV  
 Quark Matter & Heavy Ion Collisions - III  
 New Facilities & Instrumentation - III

6:30 – 7:30 pm **Reception / Cash Bar**

7:30 – 9:30 pm **Conference Banquet**

## Saturday, June 3

	<b>Plenary Sessions</b> ( <i>chair: Doug Beck</i> )
8:30 – 9:00 am	Rob Timmermans, KVI <i>“EDMs in Atoms, Molecules, and Fundamental Particles”</i>
9:00 – 9:30 am	Jeff Nico, NIST <i>“Recent Neutron Lifetime Measurements”</i>
9:30 – 10:00 am	Petr Vogel, Caltech <i>“<math>\beta\beta</math> Decay”</i>
10:00 – 10:30 am	<b>Coffee Break</b>
	<b>Plenary Sessions</b> ( <i>chair: Mats Selen</i> )
10:30 – 10:50 am	Fundamental Symmetries and CKM - Summary
10:50 – 11:10 am	Electroweak Physics & Physics Beyond the Standard Model - Summary
11:10 – 11:30 am	Nuclear and Particle Astrophysics – Summary
11:30 – 11:50 am	Quark Matter & Heavy Ion Collisions - Summary
11:50 – 12:10 pm	High Energy Hadron Physics - Summary
12:10 – 2:00 pm	<b>Lunch and Free Time</b>
	<b>Plenary Sessions</b> ( <i>chair: Bill Marciano</i> )
2:00 – 2:20 pm	Nucleon Structures - Summary
2:20 – 2:40 pm	New Facilities & Instrumentation - Summary
2:40 – 3:30 pm	Hitoshi Murayama, UC-Berkeley <i>“VISION”</i>
3:30 pm	David Hertzog, UIUC Farewell Address