

# Conference of Theoretical Physics

October 17-19, 1997  
Radisson Hotel Metrodome

## Friday, October 17, 1997

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| 8:30 a.m.          | Registration  |
| 9:00 - 10:00 a.m.  | Philip Anderson, Princeton University<br>"Transport Theory in a Spin-Charge Separated Fermi System"     |
| 10:00 - 10:45 a.m. | Coffee Break  |
| 10:45 - 11:45 a.m. | Igor Dzyaloshinskii, UC-Irvine<br>Phenomenology of Non-Fermi Liquids                                    |
| 12:00 - 1:30 p.m.  | Lunch   |
| 1:30 - 2:30 p.m.   | Anthony Leggett, University of Illinois-UC<br>"Where is the Energy Saved in Cuprate Superconductivity?" |
| 2:30 - 3:00 p.m.   | Coffee Break  |
| 3:00 - 4:00 p.m.   | Steven Kivelson, UCLA<br>"Phases of Doped Antiferromagnets"   |
| 4:15 - 6:00 p.m.   | Poster Session, Campus Club   |
| 6:00 p.m.          | Dinner, Campus Club   |

## Saturday, October 18, 1997

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| 9:00 - 10:00 a.m.  | Patrick Lee, MIT<br>The Unusual Normal and Superconducting States of Underdeveloped Cuprates      |
| 10:00 - 10:30 a.m. | Coffee Break  |
| 10:30 - 11:30 a.m. | Elihu Abrahams, Rutgers University<br>Scaling at the Metal-Insulator Transition in Two Dimensions |
| 12:00 - 1:30 p.m.  | Lunch   |
| 1:30 - 2:30 p.m.   | Frank Wilczek, Institute for Advanced Study, Princeton<br>Hadrons as Matter                       |

## **Saturday, October 18, 1997**

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- 2:30 - 3:00 p.m.      Coffee Break
- 3:00 - 4:00 p.m.      Alexander Polyakov, Princeton University  
To be announced
- 4:00 - 5:00 p.m.      Remarks on Anatoly Larkin
- 6:30 p.m.              Dinner at Bill Fines house

## **Sunday, October 19, 1997**

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- 9:00 - 10:00 a.m.      Bert Halperin, Harvard University  
Tunneling in Quantum Hall Systems: The Bulk and the Edge
- 10:15 - 11:15 a.m.      Nick Read, Yale University  
New Results on the Fermi Liquid State in a Partially Filled Landau Level