

TNT Colloquium Schedule

The Triangle Nuclear Theory Colloquium, which has been funded by the grant is jointly organized and held at Duke University, the University of North Carolina at Chapel Hill (UNC) and the North Carolina State University (NC-State).

- 02/01/05 Charles Horowitz (Indiana)
Neutron rich matter in astrophysics and in the laboratory
- 02/22/05 Harald Griesshammer (Munich)
An Effective Tale of A Few Nucleons and Photons
- 02/25/05 Ping Wang (Adelaide)
Strange nucleon form factors, pi and sigma meson properties in a relativistic quark model
- 03/01/05 George Fuller (UCSD)
Neutrinos, Entropy, and Gravitation: Nature's Recipe for Nuclei
- 03/08/05 Walter Goldberger (Yale)
An Effective Field Theory of Gravity for Extended Objects
- 03/15/05 Hans-Werner Hammer (INT)
Universality in Few-Body Physics: from Light Nuclei to Cold Atoms
- 03/22/05 Roland Crocker (CFA Harvard)
Neutrons from the Galactic center
- 03/29/05 Thomas Papenbrock (ORNL)
Nuclear Shell Model Frontiers
- 04/05/05 Felipe Llanes Estrada (Madrid)
Slow gluons are heavy and rowdy
- 04/12/05 Werner Vogelsang (BNL)
Exploring the Proton Spin
- 04/26/05 Richard Brower (Brown)
Back to the Future: AdS/CFT interpretation of the Regge Limit for QCD
- 05/03/05 Robert Pisarski (BNL)
Deconfinement and Matrix Models
- 10/03/05 Mei Huang (Tokyo)
The role of phase fluctuations – avoiding magnetic instability in gapless superconductors
- 10/04/05 Adrian Dumitru (Frankfurt)
QCD plasma instabilities and rapid isotropization at RHIC
- 10/11/05 Joe Carlson (LANL)
Strongly-Correlated Fermions
- 10/25/05 Robert Mawhinney (Columbia)
Physics from Lattice QCD with Domain Wall Fermions
- 11/08/05 Ralf Rapp (Texas A&M)
Quark-Gluon Plasma - Thermal Radiation and Heavy-Quark Probes
- 11/22/05 Dimitri Kharzeev (BNL)
From quantum black holes to relativistic heavy ions

- 12/06/05 Kostas Orginos (William & Mary)
Hadron physics from Lattice QCD with up, down and strange quarks in the vacuum
- 12/13/05 Tijana Prodanovic (Illinois)
Probing dark matter and pre-Galactic lithium with hadronic gamma rays
- 01/10/06 Kaz Kohri (Harvard, CFA)
Big Bang Nucleosynthesis and recent topics in particle and nuclear cosmology
- 01/17/06 Michael Strickland (Frankfurt)
Nonabelian plasma instabilities
- 01/20/06 Sanjay Reddy (LANL)
The Strange Star Surface: A Crust With Nuggets
- 01/24/06 Sarah Lawley (JLab)
From quarks to nucleons to neutron stars: exploring QCD with astrophysics
- 01/27/06 Henry Kwee (William & Mary)
 Θ^+ *Photoproduction in a Regge Model*
- 01/30/06 George Newman (INT)
Anomalous Hydrodynamics
- 01/31/06 Sabine Hossenfelder (UCSB)
Observables of Quantum Gravity
- 02/21/06 Daniel Phillips (Ohio U)
The role of the $\Delta(1232)$ in nuclear effective theory
- 02/28/06 Evgeny Epelbaum (JLab)
Chiral forces and few-nucleon systems
- 04/11/06 Renato Higa (Jlab)
EFT for p-wave nuclear resonances with Coulomb interactions
- 04/12/06 Rajan Gupta (LANL)
Energy Security in the 21st century: The need for bold and novel thinking
- 04/21/06 Carsten Greiner (Frankfurt)
Dilepton production from hot hadronic matter in nonequilibrium
- 05/16/06 Gautam Rupak (INT)
Universality in a 2-component Fermi System at Finite Temperature
- 05/23/06 Ben Bakker (Amsterdam)
The Yukawa model in light-front dynamics
- 08/08/06 J. Rafelski (Arizona)
Quarks in the Universe
- 08/22/06 G. Michalogiorgakis (Princeton)
Wake of a Quark moving through N=4 SUSY Plasma
- 09/05/06 M. Stephanov (UIC)
QCD and a Holographic Model of Hadrons
- 10/10/06 Dean Lee (NCSU)
Cold dilute fermions - a new type of superfluid?
- 10/31/06 Andreas Schäfer (Regensburg)
Hadron Structure on the Lattice

- 11/21/06 T. Duguet (MSU)
Current Trends in the Energy Density Functional Approach to Nuclei
- 12/05/06 Gerald Miller (University of Washington)
Quantum opacity, the RHIC HBT puzzle, and the chiral phase transition
- 02/06/07 Roy Lacey (Stony Brook University)
Probes for Reaction Dynamics at RHIC
- 02/13/07 Prashant Jaikumar (Argonne National Lab)
Nucleosynthesis in decompressing neutron matter
- 02/27/07 Paulo Bedaque (University of Maryland)
Nuclear forces and lattice QCD
- 03/30/07 Krishna Rajagopal (MIT)
Jet Quenching from AdS/CFT
- 04/03/07 Guy Moore (McGill University)
Shear Viscosity in QCD, Super Yang-Mills, etc.
- 04/10/07 Jorge Casalderrey-Solana (LBNL)
Transverse Momentum Broadening of a Quark in an N=4 Yang Mills Plasma
- 04/17/07 Pasi Huovinen (University of Virginia)
"Last word" on ideal fluid hydrodynamics: What can we say about the equation of state of the matter created at RHIC?
- 05/08/07 Derek Teaney (Arkansas State University)
Simulating Elliptic Flow with Viscosity
- 05/29/07 Ben Bakker (Amsterdam)
Properties of heavy-light mesons from the field-correlator method