TALKS PRESENTED
April 1, 2008 – March 31, 2009

Nuclear Physics and (the Nuclear Science Advisory Committee's role in) Strategic Planning of the Isotope Program, **R.E. Tribble**, **Invited Talk**, Workshop on the Nation's Needs for Isotopes: Present and Future, Rockville, Maryland (August, 2008).

RIB Facilities: Present and Future, **R.E. Tribble**, **Invited Talk**, Exotic Nuclei and Atomic Masses, Ryn, Poland (September, 2008).

Report Latest Results on ρ and δ from Muon Decay, **R.E. Tribble**, **Invited Talk**, Institute for Nuclear Theory program on Standard Model tests in the LHC era, Seattle, Washington (October, 2008).

Extracting Reliable Spectroscopic Factors from Transfer Reactions: a case study $^{14}C(d,p)^{15}C$, **R.E. Tribble**, **Invited Talk**, Kernz08, Queenstown, New Zealand (December 2008).

NSAC update for NuPECC, **R.E. Tribble**, **Invited Talk**, NuPECC meeting, Glasgow, Scotland, (October 2008).

Nuclear Astrophysics: the need for Indirect Techniques and Nuclear Data, **R.E. Tribble**, **Invited Talk**, NNDC Symposium, Brookhaven National Laboratory, Upton, New York (November, 2008).

(Mostly) Nuclear Astrophysics, (a little) Stockpile Stewardship, and the TAMU Cyclotron Institute Upgrade Project, **R.E. Tribble**, Los Alamos National Lab., Los Alamos, New Mexico (July 2008).

Transverse Spin Physics in pp Collisions at RHIC, **C.A. Gagliardi**, **Invited Talk**, 25th Winter Workshop on Nuclear Dynamics, Big Sky, Montana (February 2009).

Spin Physics at RHIC, **C.A. Gagliardi**, Physics Department, University of Illinois at Chicago, Chicago, Illinois (October 2008).

Jet Production in Polarized pp Collisions at RHIC, **C.A. Gagliardi** (for the STAR Collaboration), **Invited Talk**, XVI International Workshop on Deep Inelastic Scattering (DIS2008), London, England, (April 2008).

Nuclear Physics for Astrophysics using Radioactive Beams: Indirect Methods, **L. Trache**, **Invited Talk**, 2nd Nuclear Physics and Atomic Energy Conference, Kyiv, Ukraine, (June 2008).

Breakup of Radioactive Nuclear Beams at Iintermediate Energies for Nuclear Astrophysics and Related Topics, **L. Trache, Invited Talk**, The Carpathian Workshops on Physics, Sinaia, Romania (June 2008).

β-delayed Proton-decay for Nuclear Astrophysics, **L. Trache**, NSCL workshop, NSCL, Michigan State University, East Lansing, Michigan (August 2008).

β-delayed p-decay of Proton-rich Nuclei ^{23}Al and ^{31}Cl and Explosive H-burning in Novae, **L. Trache**, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Breakup of N=10 Proton-rich Nuclei at Intermediate Energies for Reaction Rates in Explosive H-burning in Novae, **A. Banu**, **Invited Talk**, The Carpathian Workshop on Physics, Nuclear Reactions with Exotic Nuclei for Astrophysics, Sinaia, Romania (June 2008).

Breakup of Proton-rich Nuclei ^{24}Si, ^{23}Al, ^{22}Mg, ^{21}Na at Intermediate Energies for Reaction Rates in Explosive H-burning in Novae, **A. Banu**, 10th Symposium on Nuclear Cosmos, Mackinac Island, Michigan (July 2008).

Nuclear Astrophysics at Texas A&M, **A. Banu**, **Invited Talk**, Workshop on Experiments with Reaccelerated Beams at NSCL, Michigan State University, East Lansing, Michigan (August 2008).

α-cluster Structure in Light N≠Z Nuclei, **V.Z. Goldberg**, International Conference on New Aspects of Heavy Ion Collisions Near the Coulomb Barrier (FUSION08), Chicago, Illinois (September 2008).

Resonance Reactions Induced by Radioactive Beams (Studies of Exotic Nuclei and Applications to Nuclear Astrophysics, **V.Z. Goldberg**, **Invited Talk**, 58th International Conference on Problems on Nuclear Spectroscopy and Nuclear Structure, Moscow, Russia (June 2008).

Unusual Decay Modes of Exotic Nuclei, **V.Z. Goldberg**, **Invited Talk**, International Conference on Nuclear Clusters and Excess Neutron Nuclei, St. Petersburg, Russia (June 2008).

New Renaissance of the Resonance Scattering (but with New Technique and New Ideas), **V.Z. Goldberg**, Department of Physics and Astronomy, University of Rochester, Rochester, New York (November 2008).

Possible Directions of Studies in Nuclear Structure and Nuclear Astrophysics at the Cyclotron of the Gumilyev Eurasian Universit, **V.Z. Goldberg**, Lecture Course on Nuclear Physics and Astrophysics, Astana, Kazakhstan (June 2008).

Constraints on ΔG through Longitudinal Double Spin Asymmetry Measurements of Inclusive Jet Production in Polarized p+p Collisions at 200 GeV, **M. Sarsour** (for the STAR Collaboration), 18th International Symposium on Spin Physics (SPIN 2008), Charlottesville, Virginia (October 2008).

Longitudinal Double Spin Asymmetry for Inclusive Jet Production in Polarized p+p Collisions at 200 GeV, **M. Sarsour** Physics Department, Brookhaven National Laboratory, Upton, New York (July 2008).

π^0 Transverse Single-Spin Asymmetries (A_N) at η = 4.1 in p+p Collisions at $\sqrt{s}$ = 200 GeV, **J. Drachenberg** (for the STAR Collaboration), 18th International Symposium on Spin Physics (SPIN 2008), Charlottesville, Virginia (October 2008).

Precision Measurements for Weak Interaction Studies and Symmetry Tests, **J.C. Hardy, Invited Talk**, Mass Olympics - Workshop at the European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy (May 2008).

Superallowed Beta Decay: The Role of Nuclear Structure in Standard Model Tests, **J.C. Hardy, Invited Talk**, Zakopane Conference on Nuclear Physics, Zakopane, Poland (September 2008).

Superallowed $0^+ \rightarrow 0^+$ Beta Decay and CKM Unitarity: A New Overview and Improved Precision, **J.C. Hardy, Invited Talk**, The Fifth International Conference on Exotic Nuclei and Atomic Masses (ENAM08), Ryn, Poland (September 2008).

Superallowed $0^+ \rightarrow 0^+$ Beta Decay and CKM Unitarity: The Contribution from Nuclei with A > 56, **J.C. Hardy, Invited Talk** Workshop on Scaling the Heights of the N=Z Line above ^{56}Ni at the European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy (September 2008).

Superallowed Nuclear Beta Decay: A Window on the Weak Interaction – Precision Meets Pandemonium, **J.C. Hardy, Invited Talk**, Popular Scientific Symposium on Journey Towards and Beyond the Drip Lines, dedicated to Bjorn Jonson on the occasion of his retirement as professor of Physics at Chalmers University, Gothenburg, Sweden (October2008).

Testing CVC and CKM-Unitarity with Superallowed Nuclear Beta Decay: An Updated Survey and Analysis, **J.C. Hardy, Invited Talk**, Workshop on Low Energy Precision Electroweak Physics in the LHC Era, Institute for Nuclear Theory, University of Washington, Seattle, Washington (November 2008).

Superallowed $0^+ \rightarrow 0^+$ Beta Decay and CKM Unitarity: A New Overview and Improved Precision, **J.C. Hardy,** University of Jyvaskyla, Jyvaskyla, Finland (March 2009).

Overview of Precision Internal Conversion Measurements as Tests of Internal conversion Theory, **N.Nica, Invited Talk**, 2nd Workshop for Radioactive Data Evaluators: Training sessions of the Decay Data Evaluation Project (DDEP-2008), Bucharest, Romania (May 2008).

Monte Carlo Studies of β-Detector Efficicency with GEANT4 for Precise β^+-Branching-Ratio Experiments, **V.V. Golovko**, V.E. Iacob, and J.C. Hardy, 2008 APS Meeting, St. Louis, Missouri (April 2008).

Improved β Decay Branching Ratios, **V.E. Iacob**, J.C. Hardy and V.V. Golovko, 2008 APS Meeting, St. Louis, Missouri (April 2008).

Precise Half Life Measurement of ^{26}Si, **V.E. Iacob,** V. Golovko, J. Goodwin, J.C. Hardy, N. Nica, H.I. Park, L. Trache and R.E. Tribble, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

The Latest Precision ICC Measurement from TEXAS A&M, **N. Nica,** US Nuclear Data Program (USNDP) Meeting, Brookhaven National Laboratory, Upton, New York (November 2008).

How Idiosyncratic is the Weak Force? **J.C. Hardy**, Lecture to REU Students, Cyclotron Institute, Texas A&M University, College Station, Texas (July 2008).

Overview of Precision Internal Conversion Measurements as Tests of Internal Conversion Theroy, **N. Nica,** National Institute of Physics and Nuclear Engineering, Bucharest, Romania (May 2008).

The ft Values of β-decaying Nuclei: How Can Nuclear Physics Continue to Reduce the Uncertainty in the Value of V_{ud}?, **D. Melconian, Invited Talk**, 5th Internationall Conference on Exotic Nuclei and Atomic Masses, Ryn, Poland (September, 2008).

β decay Correlation Studies Using Very Cold, Highly Polarized Sources, **D. Melconian, Invited Talk**, XXXII Symposium on Nuclear Physics, Cocoyoc, Mexico (Jan 2009).

Symmetries in Nature: A Glimpse into the Beauty and Art of Science, **D. Melconian, Invited Talk**, Saturday Morning Physics at Texas A&M University, College Station, Texas (February 2009).

Hard Probes at RHIC, **Saskia Mioduszewski**, **Invited Talk**, The Winter Workshop on Nuclear Dynamics, South Padre Island, Texas (April 2008).

Photon-Hadron Correlations at RHIC, **Saskia Mioduszewski**, **Invited talk**, Electromagnetic Probes Workshop of the RHIC/AGS Users' Meeting, Upton, New York (May 2008).

Present Experimental Status: High-p_T and Initial State, **Saskia Mioduszewski**, **Invited Talk**, International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions, Illa a La Toxa, Spain (June 2008).

High-p_T Probes, **Saskia Mioduszewski**, **Invited Talk**, Tamura Symposium, Austin, Texas (November 2008).

Direct Gamma - Charged Hadron Azimuthal Correlations, **Ahmed Hamed,** (for the STAR Collaboration), **Invited Talk,** International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions, Illa a La Toxa, Spain (June 2008).

Direct Photon - Charged Hadron Azimuthal Correlation Measurements, **Ahmed Hamed** (for the STAR Collaboration), 34th International Conference on High Energy Physics, Philadelphia, Pennsylvania (August 2008).

One More Ingredient for Energy Loss Quantification, **Ahmed Hamed,** Hot Quarks Workshop (Workshop for Young Scientists on the Physics of Ultrarelativistic Nucleus-Nucleus Collisions), Estes Park, Colorado (August 2008).

Direct Gamma-Charged Hadron Azimuthal Correlation Measurement from STAR, **Ahmed Hamed,** The Quark Matter Conference, Knoxville, Tennessee (March 2009).

γ + Jet Analysis in $\sqrt{(s_{NN})}$ = 200 GeV Au + Au Collisions with STAR, **Martin Codrington**, **Invited Talk**, (as a result of winning the poster competition), Gordon Research Conference on Nuclear Chemistry, New London, New Hampshire (June 2008).

Probing Very Low Density Nuclear Matter in Heavy Ion Collisions, **J.B. Natowitz**, **Invited Talk**, American Chemical Society National Meeting, New Orleans, Louisiana (April 2008).

Nuclear Collisions and the Nuclear Equation of State, **J.B. Natowitz**, **Invited Talk**, American Chemical Society National Meeting, Philadelphia, Pennsylvania (August 2008).

Low Density Clustering in Near-Fermi-Energy Collisions, **J.B. Natowitz**, **Invited Talk**, Flerov Laboratory, Dubna, Russia (May 2008).

Clusterization and Symmetry energies in Low Density Nuclear Matter, **J.B. Natowitz**, **Invited Talk**, Gordon Research Conference on Nuclear Chemistry, New London, New Hampshire (June 2008).

Probing Quantum Phase Changes in Nuclear Reactions, **J.B. Natowitz**, **Invited Talk**, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Rapidity Densities of Produced Hadrons in p + p collisions, **K. Hagel**, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Particle Production in p + p Reactions at $s^{1/2}$*=200 GeV,* **K. Hagel**, Hot QCD 2008, Cuernavaca, Mexico, (May 2008).

Nuclear Equation of State: What can we learn about Neutron Stars from Atomic Nuclei? **S.J. Yennello**, **Invited Talk**, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

What We Can Learn about the Symmetry Energy of the Nuclear Equation of State from Heavy-Ion Collisions? **S.J. Yennello**, **Invited Talk**, 235th ACS National Meeting, New Orleans, Louisiana (April 2008).

Probing the Nuclear Equation of State with Peripheral Collisions at Fermi Energies, **S.J. Yennello**, **Invited Talk**, Gordon Research Conference in Nuclear Chemistry, New London, New Hampshire (June 2008).

Nuclear Reactions: Exploring phase Transitions in Excited Nuclear Material, **S.J. Yennello**, University of Oklahoma, Norman, Oklahoma (December 2008).

Isospin Observables near the Fermi Energy, **S.J. Yennello**, **Invited Talk**, Workshop on Nuclear Symmetry Energy at Medium Energies, Catania, Italy (May 2008).

Probing the Nuclear Equation of State with Peripheral Collisions at Fermi Energies, **G.A. Souliotis**, 17th Symposium of the Hellenic Nuclear Physics Society, Univ. of Ioannina, Ioannina, Greece (May 2008).

Semiclassical Calculations of Peripheral Heavy-Ion Collisions at Fermi Energies and the Nuclear Equation of State, **G.A. Souliotis,** D.V. Shetty, S. Galanopoulos, and S.J. Yennello, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Isoscaling Studies of Reconstructed Quasi-Projectiles in ^{24}*Mg,* ^{40}*Ca+*^{112,124}*Sn Reactions at 32 MeV/u,* **S. Galanopoulos,** G.A. Souliotis, A.L. Keksis, M. Veselsky, M. Jandel, D.V. Shetty, Z. Kohley, S. Soisson, B. Stein, S. Wuenschel, and S.J. Yennello, 2008 APS Meeting, St. Louis, Missouri (April 2008).

Change in T_{lim} *as a Function of N/Z,* **S. Wuenschel**, S. Galanopoulos, K. Hagel, Z. Kohley, L.W. May, J.B. Natowitz, D.V. Shetty, S.N. Soisson, G.A. Souliotis, B.C. Stein, R. Wada, and S.J. Yennello, Gordon Research Conference in Nuclear Chemistry, New London, New Hampshire (June 2008).

Fragment Emission and Production in Peripheral Collisions in the Intermediate Energy Regime, **S.N. Soisson,** B. Stein, G. Souliotis, D. Shetty, A. Keksis, S. Wuenschel, and S.J. Yennello, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

N/Z Equilibration in Peripheral Reactions on the FAUST Array, **B.C. Stein,** S.N. Soisson, G.A. Souliotis, D.V. Shetty, S. Galanopoulos, A.L. Keksis, S. Wuenschel, Z. Kohley, L. May, and S.J. Yennello, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Isotopic Width Distributions and Symmetry Energy, **S. Wuenschel**, S. Galanopoulos, K. Hagel, Z. Kohley, D.V. Shetty, S.N. Soisson, G.A. Souliotis, B.C. Stein, and S.J. Yennello, 2008 APS Division of Nuclear Physics Annual Meeting, Oakland, California (October 2008).

Differences in the Transverse Flow of ^{3}*H and* ^{3}*He Fragments,* **Z. Kohley,** E. Bell, D.V. Shetty, G.A. Souliotis, S. Soisson, B. Stein, L. May, S.J. Yennello, and NIMROD Collaboration, 2008 APS Meeting, St. Louis, Missouri (April 2008).

Microscopic Calculations of Dynamics and N/Z Equilibration in Peripheral Collisions Below the Fermi Energy, **G.A. Souliotis,** D.V. Shetty, S. Galanopoulos, and S.J. Yennello, 2008 APS Meeting, St. Louis, Missouri (April 2008).

A Dual Axis Dual Lateral Position Sensitive Charged Particle Detector, **S.N. Soisson,** B.C. Stein, L. May *et al.* 2008 APS Meeting, St. Louis, Missouri (April 2008).

K and L X-ray Transitions in Multiply Ionized Atoms Produced in Heavy Ion Collisions, **V. Horvat**, R.L. Watson, and Y. Peng, The 12th International Conference on the Application of Accelerators in Research and Industry, Fort Worth, Texas (August 2008).

Equation of State of Symmetric and Asymmetric Nuclear Matter, **S. Shlomo**, **Invited Talk**, Department of Physics, Rostock University, Rostock, Germany (May 2008).

Mean-Field Approximation for Finite Nuclei and Nuclear Matter, **S. Shlomo**, **Invited Talk**, Department of Physics, Ben-Gurion University, Beer-Sheva, Israel (May 2008).

The Equation of Symmetric and Asymmetric Nuclear Matter, **S. Shlomo**, **Invited Talk**, Department of Physics and Astronomy, Tel-Aviv University, Tel-Aviv, Israel (May 2008).

Mean-Field Approximation for Finite Nuclei and Nuclear Matter, **S. Shlomo**, **Invited Talk**, The 2nd International Conference on Current Problems in Nuclear Physics and Atomic Energy (NPAE-Kyiv200), Kiev, Ukraine (June 2008).

The Nature of the Low Energy Isovector Dipole Excitation in Neutron-Rich Nuclei, **S. Shlomo**, **Invited Talk**, Hokudai-TORIJIN-JUSTIPEN-EFES Workshop on Perspectives in Resonances and Continua on Nuclei, Onuma Park, Japan (July 2008).

A Modern Nuclear Energy Density Functional, **S. Shlomo**, **Invited Talk**, JUSTIPEN-EFES-Kokudai-UNIDEF meeting, Onuma Park, Japan (July 2008).

Neutron Skin and Giant Resonances, **S. Shlomo**, **Invited Talk**, PREX Workshop, Jefferson Lab., Newport, News, Virginia (August 2008).

Modern Energy Density Functional for Properties of Nuclei and Nuclear Matter, **S. Shlomo**, **Invited Talk**, Department of Physics, University of Arizona, Tucson, Arizona (September 2008).

Giant Resonances and Nuclear Matter Equation of State, **S. Shlomo**, **Invited Talk**, Department of Physics, University of Arizona, Tucson, Arizona (September 2008).

Modern Energy Density Functional for Properties of Nuclei and Nuclear Matter, **S. Shlomo**, **Invited Talk**, SARAF Workshop, Male-Hahamisha, Israel (October 2008).

Modern Energy Density Functional for Properties of Nuclei and Nuclear Matter, **S. Shlomo**, **Invited Talk**, Symposium (Honoring Hans A. Weidenmueller) on Penetrating Physics by Random Matrices, UNAM, Cuernavaca, Mexico (March 2009).

Mini-Black Holes and Nucleons, Scattering and Absorption, **A.M. Mukhamedzhanov**, **Invited Talk**, Catania National Lab., Catania, Italy (June 2008).

Indirect Techniques in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, Nucleus 2008, Moscow, Russia (June 2008).

Benchmark on Neutron Capture Extracted from (d,p) Reactions, **A.M. Mukhamedzhanov**, **Invited Talk**, Lowrence Livermoor National Laboratory, Livermoor, California (October 2008).

Mini-Black Holes and Nucleons, Scattering and Absorption, **A.M. Mukhamedzhanov**, **Invited Talk**, Lowrence Livermoor National Laboratory, Livermoor, California (October 2008).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, Nuclear Theory Workshop (INT 09-40W) on Solar Fusion Cross Sections for the pp Chain and CNO Cycle, University of Washington, Seattle, Washington (January 2009).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan (January 2009).

Mini-Black Holes and Nucleons, Scattering and Absorption, **A.M. Mukhamedzhanov**, **Invited Talk**, National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan (January 2009).

Predictions for Heavy Ion Collisions at LHC, **C.M. Ko**, **Invited Talk**, International Workshop on Heavy Ion Physics at LHC, Wuhan, China (May 2008).

Recent Progress and New Challenges in Isospin Physics with Heavy-Ion Reactions, **C.M. Ko**, **Invited Talk**, International Conference on Nuclear Physics and Astrophysics: From Stable Beams to Exotic Nuclei, Cappadocia, Turkey (June 2008).

Relativistic Heavy Ion Collisions and Hot Dense Matter, **C.M. Ko**, **Invited Talk**, Summer School on Nuclear Collective Dynamics IV, Istanbul, Turkey (June 2008).

Exotic Particle Production in Relativistic Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, The International Workshop on QCD Phase Transition and Heavy Ion Collisions, Hefei, China (July 2008).

Charm as a Probe of sQGP, **C.M. Ko**, **Invited Talk**, Symposium in Honor of the Scientific Career of John M. Alexander, American Chemical Society Meeting, Philadelphia, Pennsylvania (August 2008).

Charm as a Probe of QGP, **C.M. Ko**, **Invited Talk**, 8th International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil (November 2008).

Charm as a Probe of QGP, **C.M. Ko**, **Invited Talk**, International Workshop on Heavy Quark Physics in Nucleus-Nucleus Collisions, Los Angeles, California (January 2009).

Transport Models for Heavy Ion Collisions: From Below Coulomb Barrier to Ultrarelativistic Energies, **C.M. Ko**, **Invited Talk**, International Symposium on Penetrating Physics by Random Matrices, Cuernavaca, Mexico (March 2009).

Probing Dense Nuclear Matter by Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, International Workshop on High-Order Actions and Their Applications in Many-Body, Few-Body, and Classical Problems, Barcelona, Spain (March 2009).

Heavy Flavor in the sQGP, **R. Rapp**, **Invited Talk**, 24th Winter Workshop on Nuclear Dynamics, South Padre Island, Texas (April 2008).

Quarkonia, Heavy Quarks and sQGP, **R. Rapp**, **Invited Talk**, International RIKEN-BNL Research Center Workshop on Understanding QGP through Spectral Function and Euclidean Correlators, Brookhaven National Laboratory, Upton, New York (April 2008).

Electromagnetic Probes in Heavy-Ion Collisions – Theory, **R. Rapp**, **Invited Lecture Series**, European Center for Theoretical Research in Nuclear Physics and Related Areas (ECT*), Doctoral Training Programme 2008 on Nuclear Matter under Extreme Conditions, Trento, Italy (April 2008).

T-Matrix Approach to Heavy Quarks in the Quark-Gluon Plasma, **H. van Hees**, 3rd International Conference on Hard and Electromagnetic Probes in High-Energy Nuclear Collisions (Hard Probes 2008), Illa da Toxa, Galicia, Spain (June 2008).

Nonperturbative Heavy-Quark Transport at RHIC, **R. Rapp**, **Invited Talk**, 417th WE-Heraeus Seminar on Characterization of the QGP with Heavy Quarks, Physikzentrum Bad Honnef, Bad Honnef, Germany (June 2008).

Charm(onium) Transport and Quark Coalescence in the QGP, **R. Rapp**, **Invited Talk**, PHENIX Collaboration Meeting, University of Illinois at Urbana-Champaign, Urbana, Illinois (July 2008).

Chiral Symmetry, Hadrons in Medium and Dileptons in Heavy-Ion Collisions, **R. Rapp**, **Invited Lectures**, 20th Indian Summer School of Physics and 4th HADES Summer School, Rez/Prague, Czech Republic (August 2008).

Heavy Flavor Hadronization, **R. Rapp**, **Invited Talk**, International Workshop on the Statistical Model of Hadron Formation and the Nature of the QCD Hadronization Process, ECT* Trento, Italy (September 2008).

Theory and Phenomenology of Heavy Flavor at RHIC, **R. Rapp**, **Invited Plenary Talk**, International Conference on Strangeness in Quark Matter, Tsinghua University, Beijing, China (October 2008).

Covariant and Selfconsistent Vertex Corrections for Pions and Isobars in Nuclear Matter, **F. Riek**, McGill University, Montreal, Quebec, Canada (November 2008).

Theoretical Aspects of Heavy Quarkonia in Heavy-Ion Collisions, **R. Rapp**, **Invited Talk**, Tamura Symposium, University of Texas, Austin, Texas (November 2008).

Charmonium as Probe of Quark-Gluon Plasma, **X. Zhao**, Shanghai Jiao Tong University, Shanghai, China (December 2008).

Thermal Kinetic Approach to Charmonium Production in Heavy-Ion Collisions, **X. Zhao**, Tsinghua University, Beijing, China (December 2008).

Thermal Kinetic Approach to Charmonium Production in Heavy-Ion Collisions, **X. Zhao**, University of Science and Technology, Hefei, China (December 2008).

Thermal Kinetic Approach to Charmonium Production in Heavy-Ion Collisions, **X. Zhao**, Central China Normal University, Wuhan, China (December 2008).

Quarkonia in Medium and in Heavy-Ion Collisions, **R. Rapp**, Brookhaven National Laboratory, Upton, New York (February 2009).

Medium Effects on Vector-Meson Production in Nuclei, **F. Riek**, Argonne National Laboratory, Chicago, Illinois (February 2009).

Recombination of Quarks in Nuclear Collisions, **R.J. Fries**, **Invited Talk**, ACS National Meeting, New Orleans, Louisiana (April 2008).

Bulk Viscosity in Nuclear Collisions, **R.J. Fries**, RIKEN Workshop on Hydrodynamics in Heavy Ion Collisions and QCD Equation of State, Brookhaven National Laboratory, Upton New York (April 2008).

Probing Nuclear Matter with Jet Chemistry, **R.J. Fries**, 3rd International Conference on Hard and Electromagnetic Probes in High-Energy Nuclear Collisions (Hard Probes 2008), Illa da Toxa, Galicia, Spain (June 2008).

Heavy Ions: Selected Topics, **R.J. Fries**, **Invited Talk**, STAR Collaboration Meeting, University of Cailifornia at Davis, Davis, California (June 2008).

Effective Probes of QCD Matter: A Summary, **R.J. Fries**, **Invited Summary Talk**, Workshop on Effective Probes of QCD Matter, Duke University, Durham North Carolina (June 2008).

Flavor as a QGP Probe at High P_T, **R.J. Fries**, **Invited Talk**, PHENIX Collaboration Meeting, University of Illinois, Urbana-Champaign, Illinois (July 2008).

Stress Tensor, Bulk Viscosity, Entropy Production, **R.J. Fries**, **Invited Talk**, YITP Workshop on Entropy Production before QGP, Yukawa Institute, Kyoto, Japan (August 2008).

Strangeness and other Flavors as QGP Probes at High P_T, **R.J. Fries**, Hot Quarks 2008, Estes Park, Colorado (August 2008).

Recombination of Quarks and Statistical Model, **R.J. Fries**, **Invited Talk**, International Workshop on the Statistical Model of Hadron Formation and the Nature of the QCD hadronization Process, ECT* Trento, Italy (September 2008).

Direct Photons in Heavy Ion Collisions, **R.J. Fries**, **Invited Talk**, Tamura Symposium, University of Texas, Austin, Texas (November 2008).

High Momentum Probes of QCD Matter, **R.J. Fries**, **Invited Talk**, 4th Workshop on High-P_T Physics at LHC, Prague, Czech Republic (February 2009).