TALKS PRESENTED
April 1, 2009 – March 31, 2010

The U. S. Nuclear Physics Program, **R.E. Tribble**, **Invited Talk**, St. Petersburg University, St. Petersburg, Russia (June 2009).

Nuclear Astrophysics Underground, **R.E. Tribble**, **Invited Talk**, International Union of Pure and Applied Physics Working Group 9 Meeting, Bonn, Germany (August, 2009).

The U. S. Nuclear Physics/Nuclear Astrophysics Program into the Next Decade, **R.E. Tribble**, **Invited Talk**, Public Lecture as part of the European Nuclear Astrophysics Summer School, Cantania, Italy (September 2009).

Science and Technology to Strengthen National, **R.E. Tribble**, **Invited Talk**, 10th Anniversary Symposium for the Korea Research Council on Fundamental Science and Technology, Seoul, south Korea (October 2009).

Development of New Techniques to Determine Neutron Induced Reaction Rates, **R.E. Tribble**, **Invited Talk**, 2010 Stewardship Science Academic Alliances Symposium, Washington, D.C. (January 2010).

Recent Results on Astrophysical Reaction Rates, **R.E. Tribble**, **Invited Talk**, Niidata2010, Niigata, Japan (March 2010).

Astrophysical Reaction Rates by Indirect Techniques, **R.E. Tribble**, **Invited Talk**, Osaka, Japan (March 2010).

The Status of V_{ud}, **J.C. Hardy, Invited Talk**, 10th Conference on the Intersections of Particle and Nuclear Physics, CIPANP 2009, La Jolla, California (May 2009).

Superallowed Nuclear β Decay: Symmetry Breaking, CVC and CKM Unitarity, **J.C. Hardy, Invited Talk**, 4th International Symposium on Symmetries in Subatomic Physics, Taipei, Taiwan (June 2009).

Testing CVC and CKM Unitarity via Superallowed Nuclear Beta Decay, **J.C. Hardy, Invited Talk**, WE-Heraeus-Seminar on "Precision experiments at lowest energies for fundamental tests and constants," Bad Honnef, Germany (June 2009).

Superallowed Nuclear β Decay: Precision Measurements for Basic Physics, **J.C. Hardy, Invited Talk**, Nuclear Physics Summer School, Michigan State University (June, July 2009).

Tests of Nuclear Half-Lives as a Function of the Host Temperature: Refutation of Recent Claims, **J.C. Hardy, Invited Talk**, 17th International Conference on Radionuclide Metrology and its Applications (ICRM 2009), Bratislava, Slovakia (September 2009).

New Precision Internal Conversion Measurements as Tests of Internal Conversion Theory: $^{197}Pt^{m}$ case, **N.Nica, Invited Talk**, 18th meeting of the International Network of Nuclear Structure and Decay Data Evaluators (NSDD), IAEA Headquarters, Vienna, Austria (March 2009).

Evaluation Codes : GTOL, **N. Nica, Invited Talk**, Workshop for Nuclear Structure and Decay Data Evaluators ENSDF-2009, Bucharest-Magurele, Romania (March, April 2009).

Beta-Decay of Proton-Rich ^{31}Cl and its Relevance for Explosive H-Burning, **L. Trache**, A. Banu, J.C. Hardy, V.E. Iacob, M. McCleskey, B. Roeder, E. Simmons, G. Tabaracu, R.E. Tribble, T. Davinson, G. Lotay, P.J. Woods, A. Saastamoinen, A. Jokinen and J. Aysto, APS Meeting, Waikoloa, Hawaii (October 2009).

Very Low Energy Protons from β-Delayed p-Decay of Proton-Rich Nuclei for Nuclear Astrophysics, **E. Simmons**, L. Trache, A. Banu, J.C. Hardy, V.E. Iacob, M. McCleskey, B. Roeder, A. Spiridon, R.E. Tribble, T. Davinson, G. Lotay, P.J. Woods, A. Saastamoinen, and J. Aysto, APS Meeting, Waikoloa, Hawaii (October 2009).

Confirmation of the Precise Half Life of ^{26}Si, **V.E. Iacob**, V.V. Golovko, J. Goodwin, J.C. Hardy, N. Nica, H.I. Park, L. Trache, R.E. Tribble, APS Meeting, Waikoloa, Hawaii (October 2009).

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

Superallowed Nuclear β Decay: A Window on the Weak Interaction, **J.C. Hardy**, Colloquium, Physics Department, National Central University, Chungli, Taiwan (June 2009).

High Precision Half-Life Measurement of ^{38}Ca, **H.I. Park**, J.C. Hardy, V.E. Iacob, L. Chen, J. Goodwin, V. Horvat, N. Nica, L. Trache and R.E. Tribble, 2010 APS Meeting, Washington, D.C (February 2010).

New Results from Mass and Lifetime Measurements of Stored Exotic Nuclei at the FRS-ESR Facility, **L. Chen**, 8th International Conference on Radioactive Beams (RNB8), Grand Rapids, Michigan (May 2009).

Final Results on Muon Decay from TWIST, **C.A. Gagliardi** (for the TWIST Collaboration), **Invited Talk**, 2010 APS Meeting, Washington, D.C. (February 2010).

STAR Spin: Recent Results, Future Directions, **C.A. Gagliardi** (for the STAR Collaboration), **Invited Seminar**, Berkeley Summer Program on Nucleon Spin, Berkeley, California (June 2009).

STAR Spin: Recent Highlights and Results, **C.A. Gagliardi** (for the STAR Collaboration), **Invited Talk**, 2009 RHIC & AGS Annual Users' Meeting, Brookhaven National Laboratory, Upton, New York (June 2009).

Nuclear Reaction Rates for H-burning from Experiments with Rare Nuclear Beams: Indirect Methods, **L. Trache**, **Invited Talk**, Defining the Neutron Star Crust 2009, Santa Fe, New Mexico (May 2009).

Single Nucleon Transfer between p-shell Nuclei around 10 MeV/u – for Nuclear Astrophysics, **L. Trache,** ATLAS Workshop 2009, UG Meeting, Argonne, Illinois (August 2009).

Indirect Studies for Nuclear Astrophysics with Radioactive Nuclear Beam, **L. Trache**, 2009 ACS Meeting, Washington, D.C. (August 2009).

Indirect Methods for Nuclear Astrophysics with Radioactive Nuclear beams, **L. Trache**, **Invited Lecture**, 5th European Summer School in Experimental Nuclear Astrophysics, St. Tecla, Sicily, Italy (September 2009).

Decay Spectroscopy for H-burning Reactions in Novae and XRB, **L. Trache**, **Invited Talk**, Department of Physics, University of Notre Dame, South Bend, Indiana (February 2010).

Nuclear Physics for Astrophysics with RNBs from 10 to 50 MeV/u, **A. Banu**, **Invited Talk**, Nuclear Chemistry Gordon Conference, Colby-Sawyer College, New London, New Hampshire (June 2009).

Breakup of Proton-rich Nuclei ^{24}Si, ^{23}Al at Intermediate Energies for Reaction Rates in Explosive H-burning in Novae and X-ray Bursts, **A. Banu**, APS Meeting, Waikoloa, Hawaii (October 2009).

Reaction Rates for Hydrogen Burning in Novae and X-ray Bursts from Proton Breakup at Intermediate Energies and Decay Spectroscopy, **A. Banu**, TUNL, Durham, North Carolina (October 2009).

Breakup of Proton-rich Nuclei ^{24}Si, ^{23}Al at Intermediate Energies for Reaction Rates in Explosive H-burning in Novae and X-ray Bursts, **A. Banu**, Direct Reaction with Exotic Beams (DREB09), Tallahassee, Florida (December 2009).

Quasimolecular States in N≠Z Light Nuclei, **V.Z. Goldberg**, **Invited Talk**, International Conference on Fundamental Problems and Applications of Nuclear Physics: From Space to Nanotechnologies, Cheboksary, Russia (June 2009).

Aims and Methods in Resonance Reaction Studies Using Exotic Beams, **V.Z. Goldberg**, Lomonosov Moscow State University, Moscow, Russia (July 2009).

New Nuclide, ^{14}F, **V.Z. Goldberg**, International Workshop on Direct Reaction with Exotic Beams (DREB 2009), Tallahassee, Florida (December 2009).

Unique Double Folding Optical Parameters for 240 MeV ^{6}Li, **Krishichayan**, X. Chen, Y.-W. Lui, Y. Tokimoto, J. Button, and D.H. Youngblood, 3rd Joint Meeting of the APS DNP and the Physical Society of Japan, Waikoloa, Hawaii (October 2009).

Probing Fundamental Properties of the Weak Interaction: Atomic Meets Nuclear Meets High-Energy Physics, Values, **D. Melconian, Invited Seminar**, Joint Complex Quantum Systems and Nonlinear Dynamics Seminar, University of Texas, Austin, Texas (October 2009).

Probing High-Temperature QCD Matter at the Relativistic Heavy-Ion Collider with High Transverse Momentum Particles, **Saskia Mioduszewski**, **Invited Talk**, 2009 APS Meeting, Denver, Colorado (May 2009).

Heavy Flavor from STAR, **Saskia Mioduszewski**, **Invited Talk (Selected by STAR Collaboration)**, 10th Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2009), San Diego, Calfornia (May 2009).

Probing High-Temperature Nuclear Matter at the Relativistic Heavy-Ion Collider, **Saskia Mioduszewski**, **Invited Talk**, Colloquium for the Physics Department, Trinity University, San Antonio, Texas (November 2009).

Upsilon Production at STAR, **Ahmed Hamed, Invited Talk**, Lake Louise Winter Institute 2010, Lake Louise, Canada (February 2010).

Gamma-Jet Measurements in Au+Au Collisions with the Solenoidal Tracker At RHIC (STAR), **Martin Codrington**, 2009 Texas Section APS Meeting, San Marcos, Texas (October 2009).

γ-Hadron Correlations with STAR, **Martin Codrington**, 37th National Organization for the Professional Advancement of Black Chemists and Chemical Engineers, NOBCChE, Atlanta, Georgia (March 2010).

Upsilon + Hadron correlations at the Relativistic Heavy-Ion Collider, **Matthew Cervantes**, 2010 APS Meeting, Washington, D. C. (February 2010).

Laboratory Studies of Low Density Nucleonic Matter, **J.B. Natowitz**, **Invited Talk**, Nucleus-Nucleus 2009, Beijing, China (August 2009).

Low Density Nuclear Matter in Fermi Energy Collisions, **J.B. Natowitz**, **Invited Talk**, International workshop on Nuclear Dynamics, Shanghai, China (August 2009).

Nuclear Science in the 21st Century, **J.B. Natowitz**, **Invited Talk**, Mexican Academy of Sciences, Mexico City, Mexico (November 2009).

Nascent Fireballs and Low Density Nuclear Matter in Near Fermi Energy Collisions, **J.B. Natowitz**, **Invited Talk**, American Chemical Society National Meeting, San Francisco, California (March 2010).

Quantum Nature of a Nuclear-Phase Transition, **A. Bonasera**, International Conference in Honor of M. Di Toro 70th Birthday, Cantania, Italy (September 2009).

Measuring the Astrophysical s-Factor in Plasmas, **A. Bonasera**, Colloquium, Scalay, France (February 2010).

Quantum Nature of a Nuclear-Phase Transition, **A. Bonasera**, Colloquium, GANIL, Caen, Cedex, France (February 2010).

Nuclear Reactions, **S.J. Yennello**, **Invited Talk**, National Nuclear Physics Summer School, East Lansing, (June 2009).

Facility Upgrade for Texas A&M University for Accelerated RIBS, **S.J. Yennello**, **Talk**, Radioactive Nuclear Beams Conference, Grand Rapids, Michigan (May 2009).

Isoscaling in Projectile Fragmentation Reactions: A Way to Elucidate the Density Dependence of the Symmetry Energy, **S.J. Yennello**, **Invited Talk**, 2nd International Conference on Nuclear Fragmentation: from Basic Research to Applications (NUFRA), Antalya, Turkey (September 2009).

Isoscaling of Fragments from Reconstructed Quasiprojectiles, **S.J. Yennello**, **Invited Talk**, International Workshop on Multifragmantation, Catania, Italy (November 2009).

Can LeChatlier's Principle be Used to Maintain Equilibrium? **S.J. Yennello**, **Invited Talk**, Michigan State University, East Lansing, Michigan (March 2009).

How Undergraduate Research Experiences Prepare Students for Graduate School, **S.J. Yennello, Invited Talk,** AAPT, Ann Arbor, Michigan (July 2009).

Impact Parameter Characterization, Reaction Plane Determination, and Flow Analysis of 35 MeV/u $^{70}Zn+^{70}Zn$, $^{64}Zn+^{64}Zn$, $^{64}Ni+^{64}Ni$, **Z. Kohley,** L. May, S. Wuenschel, B.C. Stein, R. Tripathi, S.N. Soisson,

G.A. Souliotis, and S.J. Yennello (NIMROD Collaboration), 2010 APS Meeting, Washington, D.C. (February 2010).

Improving Climate and Gender Equity in Physics Departments, **S.J. Yennello**, **Invited Talk**, 2010 APS Meeting, Washington, D.C. (February 2010).

The Effect of N/Z on Caloric Curves, **S. Wuenschel,** S.J. Yennello, Z. Kohley, L.W. May, G.A. Souliotis, D.V. Shetty, K. Hagel, B.C. Stein, S.N. Soisson, and S. Galanopoulos, 2009 APS Meeting, Denver, Colorado (May 2009).

Isoscaling of Z=1 to 17 fragments from the reaction of ^{86,78}Kr with ^{64,58}Ni targets at 35MeV/nucleon, **R.Q. Dienhoffer**, S. Wuenschel, S.J. Yennello, G. Souliotis, Z.W. Kohley, A.L. Caraley, S. Galanopoulos, K. Hagel, L.W. May, D.V. Shetty, S.N. Soisson, B.C. Stein, 2009 APS Meeting, Denver, Colorado (May 2009).

A Quadrupole Momentum Thermometer for Heavy- Ion Reaction, **L.W. May,** Aldo Bonasera, S. Wuenschel, and S.J. Yennello, 3rd Joint Meeting of the APS DNP and the Physical Society of Japan, Waikoloa, Hawaii (October 2009).

Probing densities of hot nuclei, **R. Tripathi,** S. Wuenschel, G.A. Souliotis, S. Galanopoulos, Z. Kohley, K. Hagel, D.V. Shetty, K. Huseman, L.W. May, S.N. Soisson, B. C. Stein, and S.J. Yennello, 2010 APS Meeting, Washington, D.C. (February 2010).

Studies of the Nuclear Landscape and the Nuclear Equation of State Using Peripheral Collisions Near the Fermi Energy, **G. Souliotis**, **Invited Talk**, 18th Symposium of the Hellenic Nuclear Physics Society, INP/NCSR "Demokritos" (May 2009).

Studies of the Nuclear Landscape and the Nuclear Equation of State Using Peripheral Collisions Near the Fermi Energy, **G. Souliotis**, **Invited Lecture**, XVIII International School of Nuclear Physics, Varna, Bulgaria (September 2009).

Studies of Heavy Residues from Peripheral Collisions Near the Fermi Energy and the Nuclear Equation of State, **G. Souliotis**, **Invited Talk**, 2nd International Conference on Nuclear Fragmentation: from Basic Research to Applications (NUFRA), Antalya, Turkey (September 2009).

Studies of the Nuclear Landscape and the Nuclear Equation of State (EOS) using Peripheral Heavy-Ion Collisions at Fermi Energies, **G. Souliotis**, **Invited Seminar**, Department of Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece (October 2009).

New Heavy Element Program at Texas A&M University, **C.M. Folden III, Invited Talk**, 2010 ACS Meeting, Washington, D.C. (August 2009).

The New Heavy Element Program at Texas A&M University, **C.M. Folden III,** 2009 APS Meeting, Denver, Colorado (May 2009).

Modern Energy Density Functional for Nuclei and the Nuclear Matter Equation of State, **S. Shlomo**, **Invited Talk**, Department of Physics, Argonne National Laboratory, Argonne, Illinois (April 2009).

Modern Energy Density Functional for Properties of Nuclei and Nuclear, **S. Shlomo**, **Invited Talk**, 2009 APS Meeting, Denver, Colorado April 2009).

Liquid-Gas Phase Transition in Heavy-Ion Collisions, **S. Shlomo**, **Invited Talk**, Joint Nuclear/Hadronic Seminar, Department of Physics, Hebrew University of Jerusalem, Jerusalem, Israel (May 2009).

Liquid-Gas Phase Transition in Heavy-Ion Collisions, **S. Shlomo**, **Invited Talk**, Department of Physics, Ben-Gurion University, Bee-Sheva, Israel (June 2009).

Modern Energy Density Functional for Properties of Nuclei and the Nuclear Matter Equation of State, **S. Shlomo**, **Invited Talk**, International Conference on Fundamental Problems and Applications of Nuclear Physics: From Space to Nanotechnologies, NUCLEUS-2009, Cheboksary, Russia (Junel 2009).

Determining a Modern Energy Density Functional Using the Simulating Annealing Method, **S. Shlomo**, **Invited Talk**, The 1st Conference for Promoting the Application of Mathematics in Technical and Natural Sciences, AMiTaNS, Sozopol, (June 2009).

Freeze-Out Temperature and Density in Heavy Ion Collisions at Liquid-Gas Phase Transition, **S. Shlomo**, **Invited Talk**, 8th Latin American Symposium on Nuclear Physics and Applications, Santago, Chile (December 2009).

Giant Resonances and the Nuclear Equation of State, **S. Shlomo**, **Invited Talk**, Department of Physics, Ben-Gurion University, Bee-Sheva, Israel (January 2010).

Determining a Modern Energy Density Functional for Nuclei Using the Simulating Annealing Method, **S. Shlomo**, **Invited Talk**, Joint Nuclear/Hadronic Seminar, Department of Physics, Hebrew University of Jerusalem, Jerusalem, Israel (January 2010).

Asymptotic Normalization Coefficients and Important Astrophysical Processes, **A.M. Mukhamedzhanov**, **Invited Talk**, Nuclear Physics in Astrophysics IV, Frascatti, Italy (June 2009).

Nuclear Reactions and Indirect Methods in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Lecture**, European School on Experimental Nuclear Astrophysics V, Santa Tecla, Italy (September 2009).

Absorption of Nucleons by Mini Black Holes, **A.M. Mukhamedzhanov**, **Invited Talk**, Institute of Nuclear Physics, Orsay, Paris, France (October 2009).

Excitation of Compound State in the Subsystems as Indirect Tool in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, Workshop in Compound Nuclear Reactions 2009 (CNR09), Bordeaus, France (October 2009).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, Lawrence Livermore National Laboratory, Livermore, California (March 2010).

Charms in Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, ECT* Workshop on Heavy-Quarkonium Production in Heavy-Ion Collisions, Trento, Italy (May 2009).

Transport Model Studies of the Baryon-Rich Quark-Gluon Plasma Formed in Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, 5th International Workshop on Critical Point and Onset Of Deconfinement, Brookhaven National Laboratory, Upton, New York (June 2009).

Charms in Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, XXVI Max Born Symposium on Strong Interactions, Wroclaw, Poland (July 2009).

Probing QCD Phase Diagram in Relativistic Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, International Seminars on Strong Interaction Physics, Seoul, Korea (July 2009).

Recent Progress in Isospin Physics and the Nuclear Symmetry Energy, **C.M. Ko**, **Invited Talk**, International Seminars on Strong Interaction Physics, Seoul, Korea (July 2009).

Particle Production in Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, Workshop on Relativistic Heavy Physics, Wei Hai, Hepei, China (August 2009).

Transport model Study of Deuteron Production in Relativistic Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, International Conference on Nucleus-Nucleus Collisions, Beijing, China (August 2009).

Isospin-Dependent Pion In-Medium Effects on Charged Pion Ratio in Heavy ion Collisions, **C.M. Ko**, **Invited Talk**, International Workshop on Isospin Dynamics and Nuclear Symmetry Energy", Shanghai, China (August 2009).

Particle Production and Nucleon Stopping in AMPT Model, **C.M. Ko**, **Invited Talk**, Symposium on Proton-Proton Interactions, Frankfurt, Germany (February 2010).

Nonperturbative Quark Interactions in the Quark-Gluon Plasma, **R. Rapp**, 21st International Conference of Ultrarelativistic Nucleus Nucleus Collisions (Quark Matter 2009) Knoxville, Tennessee (April 2009).

Heavy Quark Interactions in the Quark-Gluon Plasma, **Felix Riek**, **Invited Talk**, International ECT* Workshop on Heavy Quarkonium Production in Heavy-Ion Collisions, Trento, Italy (May 2009).

In-Medium Charmonium Production, **Xingbo Zhao**, **Invited Talk**, International ECT* Workshop on Heavy Quarkonium Production in Heavy-Ion Collisions, Trento, Italy (May 2009).

Dileptons, Charm and Charmonium at Finite Temperature and Chemical Potential, **R. Rapp**, **Invited Plenary Talk**, 5th International Workshop on Critical Point and Onset of Deconfinement, Brookhaven National Laboratory, Upton, New York (June 2009).

Quarkonia in Medium: From Spectral Functions to Observables, **Ralf Rapp**, **Invited Talk**, Joint CATHIE-INT Mini-Program on Quarkonia in Hot Medium: From QCD to Experiment, Institute for Nuclear Theory, University of Washington, Seattle, Washington (June 2009).

Bremsstrahlung and Dalitz Decays from in-Medium Electromagnetic Spectral Functions, **Ralf Rapp**, **Invited Talk**, Extreme Matter Institute Workshop on Virtual Bremsstrahlung and HADES, Frankfurt University, Frankfurt, Germany (August 2009).

Dileptons in Heavy-Ion Collisions, **Ralf Rapp**, **Invited Lecture**, HIC4FAIR Workshop on Dense Matter in Heavy-Ion Collisions and Supenovae, Prerow, Germany (October 2009).

Heavy-Flavor Probes of Quark-Gluon Plasma and RHIC, **R. Rapp**, **Invited Colloquium**, CATHIE/TECHQM Workshop, Brookhaven National Laboratory, Upton, New York (December 2009).

Theory Update on Electromagnetic Probes II, **R. Rapp**, **Invited PlenaryTalk**, CATHIE/TECHQM Workshop, Brookhaven National Laboratory, Upton, New York (December 2009).

Quarkonium Spectral Functions in Potential Models, **Felix Riek**, **Invited Talk**, CATHIE/TECHQM Workshop, Brookhaven National Laboratory, Upton, New York (December 2009).

Resonances in Medium, **R. Rapp**, **Invited Talk**, STAR Collaboration Analysis Meeting, Austin, Texas (January 2010).

Medium Effects in Rho-Meson Photoproduction at Jefferson Lab, **R. Rapp**, Theory Seminar GSI Darmstadt, Germany (June 2009).

Electromagnetic Probes and the Quest for Chiral Symmetry Restoration, **R.Rapp**, Graduiertenkolleg's colloquium, University of Giessen, Germany (June 2009).

Hot and Dense QCD Matter and Heavy-Ion Collisions, **R. Rapp**, Mayer-Leibniz Laboratory colloquium, Technical University Munich, Munich, Germany (October 2009).

Vector Mesons in Medium and Dileptons in Heavy-Ion Collisions, **Ralf Rapp**, Strong Interaction seminar, Technical University Munich, Munich, Germany (October 2009).

Heavy Quarks and Quarkonia in the Quark-Gluon Plasma, **Ralf Rapp,** Seminar, Technical University Darmstadt, Germany (November 2009).

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

Charmonium Production in Heavy-Ion Collisions – Revisited, **X. Zhao**, 2009 Texas Section of APS, San Marcos, Texas (October 2009).

A Phenomenological Study of Charmonium Dissociation Temperatures in Heavy-Ion Collisions, **X. Zhao**, Los Alamos National Laboratory, Los Alamos, New Mexico (December 2009).

Charmonium Production in Heavy-Ion Collisions, **X. Zhao**, Lawrence Berkeley National Laboratory, Berkeley, California (January 2010).

The Origin of the Visible Mass in the Universe, **R. Rapp**, Cyclotron/High Energy Research Experience for Undergraduates (REU) program, Cyclotron Institute, Texas A&M University, College Station (July 2009).

Investigating the Primordial Quark-Gluon Liquid, **R. Rapp**, Special Seminar, Texas A&M University, College Station (October 2009).

The Primordial Liquid and a Rubber Band at a Trillion Degrees, **Felix Riek**, 2010 Saturday Morning Physics program for high-school students, Texas A&M University, College Station (February 2010).

High -P_T Physics with Identified Particles, **R.J. Fries**, XXI International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 2009), Knoxville, Tennessee (April 2009).

High -P_T Physics with Identified Particles, **R.J. Fries**, **Invited Talk**, Conference on the Intersections of Particle and Nuclear Physics (CIPANP) 2009, San Diego, California (May 2009).

Hadro-Chemistry with High-P_T Particles in Nuclear Collisions, **R.J. Fries**, **Invited Talk**, 2009 APS Division of Particles and Fields (DPF) Meeting, Detroit, Michigan (July 2009).

High Energy Collisions: Probing Hot Nuclear Matter, **R.J. Fries**, Department of Physics, Nagoya University, Nagoya, Japan (October 2009).

Hard Probes in Heavy Ion Collisions: Jet Chemistry and Tomography, **R.J. Fries**, University of Tokyo, Komaba Campus, Komaba, Meguroku, Tokyo, Japan (November 2009).

Hard Probes in Heavy Ion Collisions: Jet Chemistry and Tomography, **R.J. Fries**, Yukawa Institute, Kyoto University, Kyoto, Japan (November 2009).

Direct Photons and Jet Conversions in Heavy Ion Collisions, **R.J. Fries**, **Invited Talk**, 7th Heavy Ion Pub, Osaka University, Osaka, Japan (November 2009).

High Energy Nuclear Collisions: Theory Overviews, **R.J. Fries**, **Invited Talk**, International Symposium on Nuclear Physics (ISNP) 2009, Bhabha Institute, Munbai, India (December 2009).

Collisions of Nuclei: New Ideas for Hard Probes, **R.J. Fries**, Tata Institute for Fundamental Research, Mumbai, India (December 2009).

Recombination of Quarks, **R.J. Fries**, **Invited Talk**, STAR Collaboration Meeting, University of Texas, Austin, Texas (January 2010).

Collisions of Nuclei: Some Ideas for Hard Probes, **R.J. Fries**, Department of Physics, Duke University, Durham, North Carlina (February 2010).

Effect of Fluctuations in the Fireball on Jet Quenching Observables at RHIC, **Ricardo Rodrizues**, 2010 APS Meeting, Washington, D. C. (February 2010).