

TALKS PRESENTED
April 1, 2007 – March 31, 2008

*Introductory Remarks at the Long Range Plan Working Group Meeting, **R.E. Tribble**, Galveston, Texas (April, 2007).*

*Tokyo Meeting Report: New Initiatives, **R.E. Tribble**, **Invited Talk**, OECD Meeting, Tokyo, Japan (May, 2007).*

*Report to IUPAP WG9: NSAC Long Range Plan and the RIB Task Force, **R.E. Tribble**, **Invited Talk**, IUPAP Meeting, Tokyo, Japan (May, 2007).*

*Radioactive Beams for Nuclear Spectroscopy and Nuclear Astrophysics, **R.E. Tribble**, **Invited Talk**, Direct Reaction with Exotic Beams, Tokyo, Japan (May, 2007).*

*A Facility for Rare Isotope Beams in the U.S., **R.E. Tribble**, **Invited Talk**, International Nuclear Physics Conference, Tokyo, Japan (June, 2007).*

*A New Long Range Plan for Nuclear Science, **R.E. Tribble**, **Invited Talk**, Carpathian Summer School, Sinia, Romania (August, 2007).*

*Nuclear Science and U.S. Education, **R.E. Tribble**, **Invited Talk**, Carpathian Summer School, Sinia, Romania (August, 2007).*

*Indirect Methods in Nuclear Astrophysics: Asymptotic Normalization Coefficients, **R.E. Tribble**, **Invited Talk**, Fourth European Summer School on Experimental Nuclear Astrophysics, Catania, Italy (September, 2007).*

*Latest Results on Muon Decay from the TWIST Collaboration, **R.E. Tribble**, **Invited Talk**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).*

*Report to NuPECC on NSAC Activities, **R.E. Tribble**, NuPECC Meeting, Bucharest, Romania (October, 2007).*

*Electron-Ion Collider and the NSAC Long Range Plan, **R.E. Tribble**, **Invited Talk**, EIC workshop, Stony Brook University, Stony Brook, New York (December, 2007).*

*pp Collisions at RHIC, **C.A. Gagliardi**, **Invited Talk**, Carpathian Summer School, Sinia, Romania (August, 2007).*

*Hard QCD in pp Collisions at RHIC, **C.A. Gagliardi**, **Invited Talk**, International Workshop Hard QCD with Antiprotons at GSI FAIR, Trento, Italy (July, 2007).*

*Phases of QCD Matter, **C.A. Gagliardi**, **Invited Talk**, 2007 Jefferson Lab Users Group Meeting, Newport News, Virginia (June, 2007).*

Cross Sections for Reactions in Explosive H-burning from Reactions at 10 MeV/u, **L. Trache**, T. Al-Abdullah, A. Banu, C. Fu, C.A. Gagliardi, A.M. Mukhamedzhanov, G. Tabacaru, R.E. Tribble, Y. Zhai, F. Carstoiu, V. Burjan, **Invited Talk**, Minisymposium on Transfer reactions in Nuclear Astrophysics, APS April meeting, Jacksonville, Florida (April 2007).

Reaction Rates for H-burning in Stars, **L. Trache**, **Invited Talk**, “Horia Hulubei” Institute for Physics and Nuclear Engineering, Bucharest-Magurele, Romania, (June 2007).

Reaction Rates for H-burning in Stars from Experiments with Radioactive Nuclear Beam, **L. Trache**, **Invited Lecture**, The 22nd Carpathian Summer School in Physics, Sinaia, Romania (August 2007).

Technique and Study of Beta-Delayed p-Decay of Proton-Rich Nuclei. **L. Trache**, T. Al-Abdullah, A. Banu, C. Fu, V. Golovko, J.C. Hardy, V.E. Iacob, H.I. Park, G.Tabacaru, R.E. Tribble, Y. Zhai, J. Aysto, A. Saastamoinen, P.J. Wood, T. Davidson, M.A. Bentley and J.D. Jenkins, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Breakup of Radioactive Nuclear Beams at Intermediate Energies as Indirect Method for Nuclear Astrophysics, **L. Trache**, F. Carstoiu, C.A. Gagliardi, R.E. Tribble, A. Banu, 10th International Symposium on Origin of Matter and Evolution of Galaxies (OMEG07), Sapporo, Japan (December 2007).

Beta-Delayed proton-Decay for Nuclear Astrophysics, **L. Trache**, EURISOL User Group Workshop, Florence, Italy (January 2008).

Astrophysical S-factor of the $^{12}\text{N}(p,\gamma)^{13}\text{O}$ Reaction Determined from the ($^{12}\text{N},^{13}\text{O}$) Proton Transfer Reaction, **A. Banu**, The 22nd Carpathian Summer School in Physics, Sinaia, Romania (August 2007).

Alchemy of the Universe: Nucleosynthesis of Chemical Elements, **A. Banu**, Saturday Morning Physics at Texas A&M University, College Station, Texas (February 2008).

Determination of the Astrophysical S-factor for the $^{12}\text{N}(p,\gamma)^{13}\text{O}$ Reaction from ($^{12}\text{N},^{13}\text{O}$) Proton Transfer, **A. Banu**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Performance Evaluation of Novel Square-Bordered Position-Sensitive Silicon Detectors with Four-Corner Readout, **A. Banu**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Interaction of Low Energy Radioactive Beams with Helium and Hydrogen. Research Goals and Experimental Approaches, **V.Z. Goldberg**, **Invited Talk**, 6th International Conference on Nuclear and Radiation Physics, Almaty, Kazakhstan (June 2007).

Some Unsolved Problems in the Structure of the Light Exotic Nuclei, **V.Z. Goldberg**, **Invited Talk**, 57th International Conference on Problems on Nuclear Spectroscopy and Nuclear Structure, Voronezh, Russia (June 2007).

Compound Nuclear Reactions Induced by Radioactive Beams, **V.Z. Goldberg**, International Conference on Compound Nuclear Reactions (CNR2007), Tenaya Lodge, California (October 2007).

The Nearest Goals in the Studies of Exotic Nuclei by the Resonance Scattering, **V.Z. Goldberg**, **Invited Seminar**, Joint Institute for Nuclear Research, Dubna, Russia (June 2007).

Resonance Reactions Induced by Radioactive Beams: Studies of Exotic Nuclei and Applications to Nuclear Astrophysics, **V.Z. Goldberg**, **Invited Seminar**, CENPA, University of Washington, Seattle, Washington (October 2007).

Superallowed Nuclear Beta Decay: Recent Results and Their Impact on V_{ud} , **J.C. Hardy**, **Invited Talk**, Fundamental Neutron Physics Program (INT-07-1), Institute for Nuclear Theory, University of Washington, Seattle, Washington (March 2007).

Superallowed Nuclear Beta Decay: Testing CVC and CKM Unitarity, **J.C. Hardy**, **Invited Talk**, The International Workshop on “Fundamental Symmetries: From Nuclei and Neutrinos to the Universe,” European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT*), Trento, Italy (June 2007).

Superallowed Nuclear Beta Decay: A Window on the Weak Interaction, **J.C. Hardy**, **Invited Talk**, Carpathian Summer School of Physics 2007, Exotic Nuclei and Nuclear/Particle Astrophysics, Sinaia, Romania (August 2007).

Precise Tests of Internal-Conversion Theory, **J.C. Hardy**, **Invited Talk**, 16th International Conference on Radionuclide Metrology and its Applications, Cape Town, South Africa (September 2007).

Superallowed Nuclear Beta Decay: Recent Results and Their Impact on V_{ud} , **J.C. Hardy**, **Invited Talk**, Fourth Argonne/INT/MSU/JINA RIA Theory Workshop on Rare Isotopes and Fundamental Symmetries, Institute for Nuclear Theory, University of Washington, Seattle, Washington (September 2007).

New Calculations of the Isospin-Symmetry-Breaking Correction to Superallowed Beta Decay, **I.S. Towner**, **Invited Talk**, Fourth Argonne/INT/MSU/JINA RIA Theory Workshop on Rare Isotopes and Fundamental Symmetries, Institute for Nuclear Theory, University of Washington, Seattle, Washington (September 2007).

Overview of Precision Internal Conversion Measurements as Tests of Internal Conversion Theory, **N. Nica**, **Invited Talk**, 17th Meeting of the International Network of Nuclear Structure and Decay Data Evaluators (NSDD), Saint Petersburg, Russia (June 2007).

How Idiosyncratic is the Weak Force? **J.C. Hardy**, Lecture to REU students, Cyclotron Institute, Texas A&M University, College Station, Texas (July 2007).

The Weak Force: Dancing to Its Own Tune, **J.C. Hardy**, Popular Lecture at Saturday Morning Physics at Texas A&M University, College Station, Texas (January 2008).

Mass-Chain Evaluation for ENSDF, **N. Nica**, Brookhaven National Laboratory, Upton, New York (April 2007).

Evaluated Nuclear Structure Data File, **N. Nica**, Brookhaven National Laboratory, Upton, New York (April 2007).

Precise Branching Ratios from β - γ Coincidences: The Case of ^{34}Ar , **V.E. Jacob**, J.C. Hardy and V.V. Golovko, APS Meeting, Jacksonville, Florida (April 2007).

Use of the GEANT4 Code in Precise Measurements of β^+ -Branching-Ratios, **V.V. Golovko**, V.E. Jacob and J.C. Hardy, APS Meeting, Jacksonville, Florida (April 2007).

The Structure of ^{23}Al and Consequences on the Depletion of ^{22}Na from O-Ne Novae, **Y. Zhai**, L. Trache, V.E. Iacob, J.C. Hardy, C. Fu, T. Al-Abdullah, N. Nica, M. McCleskey, V.V. Golovko, H.I. Park, G. Tabacaru, A. Banu, R.E. Tribble, APS Meeting, Jacksonville, Florida (April 2007).

Comparison of Various Monte Carlo Codes for Response Function Studies of a Plastic β -Detector Used in Precise β^+ -Branching-Ratios Experiments, **V.V. Golovko**, V.E. Iacob and J.C. Hardy, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Precision Measurement of ^{23}Al Beta-Decay, **Y. Zhai**, V.E. Iacob, J.C. Hardy, T. Al-Abdullah, A. Banu, C. Fu, V.V. Golovko, M. McCleskey, N. Nica, H.I. Park, G. Tabacaru, R.E. Tribble and L. Trache, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Confirmation of Precise Branching-Ratio Measurement in the β Decay of ^{34}Ar , **V.E. Iacob**, J.C. Hardy and V.V. Golovko, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Test of Internal-Conversion Theory with Precise γ - and x-Ray Spectroscopy, **N. Nica**, J.C. Hardy, C. Balonek, V.E. Iacob, J. Goodwin, H.I. Park, W.E. Rockwell and M.B. Trzhaskovskaya, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Recent Precision ICC Measurements at TAMU, **N. Nica**, US Nuclear Data Program Meeting (USNDP), Brookhaven National Laboratory, Upton, New York (November 2007).

ENSDF Evaluation at Texas A&M University, **N. Nica**, US Nuclear Data Program Meeting (USNDP), Brookhaven National Laboratory, Upton, New York (November 2007).

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

Hard Probes and Heavy Flavor from STAR, **Saskia Mioduszewski** (for the STAR Collaboration), **Invited talk**, The Recontres de Moriond: QCD and High-Energy Interactions, La Thuile, Italy (March 2008).

Photon-Jet Correlations at RHIC, **Saskia Mioduszewski**, **Invited Talk**, The High- p_T Workshop at RHIC-AGS Users' Meeting, Brookhaven National Laboratory, Upton, New York (June 2007).

Photon-Jet Correlations at RHIC, **Saskia Mioduszewski**, **Invited Talk**, Conference on Early Time Dynamics in Heavy Ion Collisions, Montreal, Canada (July 2007).

Overview of RHIC with a Look to the Future, **Saskia Mioduszewski**, **Invited Lecture**, The Carpathian Summer School of Physics, Sinaia, Romania (August 2007).

Using the Calorimeter Pre-Shower Detector in STAR, **Rory Clarke** (for the STAR collaboration), 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Probing the Medium with Photons, **Ahmed Hamed** (for the STAR Collaboration), School of Collective Dynamics in High-Energy Collisions, Berkeley, California (May, 2007).

Probing the Medium with -Jet Correlation Measurements in STAR, **Ahmed Hamed** (for the STAR Collaboration), 20th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 2008), Jaipur, India (February 2008).

Gamma-Jet Analysis in $\sqrt{s_{NN}} = 200$ GeV Au + Au Collisions with the Solenoidal Tracker at the Relativistic Heavy Ion Collider (STAR), **Martin Codrington**, The Industry-University Cooperative Chemistry Program (IUCCP), Texas A&M University, College Station, Texas (October, 2007).

Gamma-Jet Analysis in $\sqrt{s_{NN}} = 200$ GeV Au + Au Collisions with the Solenoidal Tracker at the Relativistic Heavy Ion Collider (STAR), **Martin Codrington** (for the STAR Collaboration), 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Probing the Matter Created at the Relativistic Heavy Ion Collider (RHIC), **Martin Codrington**, **Invited Semina**, Florida Memorial University, College of Natural Science, Miami Gardens, Florida (April, 2007).

Electron Identification at STAR and the Barrel Pre-Shower Detector, **Matthew Cervantes** (for the STAR Collaboration), 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Electron Identification at STAR and the Barrel Pre-Shower Detector, **Matthew Cervantes** (for the STAR Collaboration), Joint Texas Meeting of the APS, Texas A&M University, College Station, Texas (October, 2007).

Nuclear Symmetry Energies at Low Density, **J.B. Natowitz**, **Invited Talk**, Department of Physics, University of Padova, Padova, Italy (May 2007).

Nuclear Collisions, Metastable Nuclei and the Nuclear Equation of State, **J.B. Natowitz**, **Invited Talk**, Workshop on f7/2 to the Quark Gluon Plasma, Legnaro National Laboratory, Italy (May 2007).

Agitated Nuclei and the Nuclear Equation of State, **J.B. Natowitz**, **Invited Talk**, Symposium Celebrating the 50th Anniversary of the Flerov Laboratory of Nuclear Reactions, Dubna, Russia (May 2007).

Heavy Ion Reactions: Metastable Nuclei and the Nuclear Equation of State, **J.B. Natowitz**, **Invited Talk**, Department of Physics, Texas A&M university – Commerce, Commerce, Texas (February 2008).

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

Produced Proton and Anti-proton in p+p Collisions at 62 and 200 GeV, **K. Hagel**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Investigating the Nuclear Equation of State through N/Z Equilibration, **S.J. Yennello**, **Invited Talk**, VII Latin American Symposium on Nuclear Physics and Applications, Cusco, Peru (June 2007).

Neutron-Rich Rare Isotope Production in the Fermi Energy Domain and Application to the Texas A&M Radioactive Beam Upgrade, **G.A. Souliotis**, International Conference on Electromagnetic Isotope Separators and Techniques Related to their Applications (EMIS-2007), Deauville, France (June 2007).

Large Acceptance Spectrograph Design and Deep-Inelastic Scattering, **G.A. Souliotis, Invited Talk**, S3 (Super-Separator-Spectrometer) Collaboration Meeting, GANIL, Caen, France (July 2007).

Study of Projectile Multi-Fragmentation in $^{24}\text{Mg} + ^{112,124}\text{Sn}$ Reactions at 32 MeV/A, **S. Galanopoulos**, 6th Summer School on Exotic Beam Physics, East Lansing, Michigan (August 2007).

Using Light Cluster Production to Probe the Density Dependence of Nuclear Symmetry Energy, **S.N. Soisson**, 6th Summer School on Exotic Beam Physics, East Lansing, Michigan (August 2007).

Fragment Emission in Projectile Fragmentation Reactions, **B.C. Stein**, 6th Summer School on Exotic Beam Physics, East Lansing, Michigan (August 2007).

Density Dependence of the Symmetry Energy and the Nuclear Equation of State, **S.J. Yennello, Invited Talk**, 234th ACS National meeting, Boston, Massachusetts (August 2007).

Heavy Residue Studies below the Fermi Energy and the Role of the Nuclear Symmetry Energy, **G.A. Souliotis, Invited Talk**, 234th ACS National meeting, Boston, Massachusetts (August 2007).

Heavy Residue Studies near the Fermi Energy and the role of the Nuclear Symmetry Energy, **G.A. Souliotis, Invited Talk**, International Conference on Nuclear Fragmentation (NUFRA2007), Kemer (Antalya), Turkey (September 2007).

Insights into the Density Dependence of the Symmetry Energy through Nuclear Reactions, **S.J. Yennello, Invited Talk**, International Conference on Nuclear Fragmentation (NUFRA2007), Kemer (Antalya), Turkey (September 2007).

Constraining the Density Dependence of the Symmetry Energy and the Nuclear Equation of State: A Dynamical and Statistical Model Approach, **D.V. Shetty**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Nucleon Transfer Calculations Using the HIPSE Model, **Z. Kohley**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Microscopic Calculations of Heavy-Residue Formation in Quasielastic and Deep-Inelastic Collisions below the Fermi Energy, **G.A. Souliotis**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

N/Z Equilibration in Deep Inelastic Collisions and the Fragmentation of the Resulting Quasiprojectiles, **A.L. Keksis**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

NIMROD Upgrade, **S. Wuenschel**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

Dual-Axis, Duo-Lateral Position Sensitive Detector, **R. Dienhoffer**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport New, Virginia (October 2007).

A Dual-Axis, Duo-Lateral Position Sensitive Detector Upgrade to the FAUST Detector Array, **S. Soisson**, Joint Texas Meeting of APS, SPS, NHSP, AAPT, NSBP and FIAP, Texas A&M University, College Station, Texas (October 2007).

Nuclear Reactions: Exploring Phase Transitions in Nuclear Material, **S.J. Yennello**, Arkansas Tech University, Russellville, Arkansas (October 2007)

Novel Approaches in Rare Isotope Production and Nuclear Reaction Dynamics, **G.A. Souliotis**, Department of Chemistry, Texas A&M University, College Station, Texas (February 2008).

The Nuclear Matter Equation of State and Properties of Finite Nuclei, **Shalom Shlomo**, Vuong Kim Au, and Tapes Sil, **Invited Talk**, International Nuclear Physics conference – INPC2007, Tokyo, Japan (June 2007).

Bulk Properties of Nuclear Matter from Excitation of Nuclei, **Shalom Shlomo**, **Invited Talk**, Seventh Latin American Symposium on Nuclear Physics and Applications Conference, Cusco, Peru (June 2007).

Hartree-Fock Based Random Phase Approximation Description of Giant Resonances and the Nuclear Equation of State, **Shalom Shlomo**, **Invited Talk**, Carpathian Summer School of Physics – 2007 (CSSP07), Sinaia, Romania (August 2007).

Properties of Nuclear Matter from Excitations of Nuclei, **S. Shlomo**, **Invited Talk**, Ben-Gurion University, Beer Sheva, Israel (September 2007).

The Incompressibility Coefficient in the Non-Relativistic and Relativistic Models, **V. Kim Au**, The International Symposium on Physics of Unstable Nuclei, Hoian, Vietnam (July 2007).

The New Skyrme Type Effective Nucleon-Nucleon Interaction, **V. Kim Au**, Nishina Center, RIKEN, Japan (September 2007).

Indirect Techniques in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, INPC 2007, Tokyo, Japan (June 2007).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Lecture**, The 4th European School in “Experimental methods in Nuclear Astrophysics”, Santa Tecla, Sicily, Italy (September 2007).

Elastic Scattering and Stripping Processes of ^{12}C as a Three-body Problem, **A.M. Mukhamedzhanov**, **Invited Talk**, University of Surrey, Guildford, United Kingdom (October 2007).

Benchmark of Neutron Direct Capture Reactions Extracted from (d,p) Reactions, **A.M. Mukhamedzhanov**, **Invited Talk**, NNSA Symposium, Washington DC (January 2008).

Predictions of the AMPT Model for LHC, **C.M. Ko**, **Invited Talk**, International Workshop on Predictions for Heavy Ion Collisions at LHC, CERN, Geneva, Switzerland (May 2007).

Jet Conversions in QGP, **C.M. Ko**, **Invited Talk**, 7th International Workshop on Particle Physics Phenomenology, Taipei, Taiwan (June 2007).

Jet Conversions in QGP, **C.M. Ko**, **Invited Talk**, 10th International Workshop on Relativistic Nuclear Physics from Hundreds MeV to TeV, Kiev, Ukraine (June 2007).

Partonic Effects in Heavy Ion Collisions at FAIR, **C.M. Ko**, **Invited Talk**, 4th International Workshop on Critical Point and the Onset of Deconfinement, Darmstadt, Germany (July 2007).

Jet Conversions in QGP, **C.M. Ko**, **Invited Talk**, International Conference on Early Time Dynamics in Heavy Ion Collisions, Montreal, Canada (July 2007).

Recent Results from the AMPT Model, **C.M. Ko**, **Invited Talk**, International Workshop on Particle Correlations and Fluctuations, Sonoma, California (August 2007).

Thermal Charm Production at LHC, **C.M. Ko**, **Invited Talk**, International Symposium on Multiparticle Dynamics, Berkeley, California (August 2007).

Charm Production in Relativistic Heavy Ion Collisions, **C.M. Ko**, **Invited Talk**, Asian Pacific Center for Theoretical Physics Focus Program on Hadronic Physics at RHIC, Seoul, Korea (December 2007).

Hyperon Spectrum in the Skyrme Model, **Y. Oh**, Asian Pacific Center for Theoretical Physics Focus Program on Hadronic Physics at RHIC, Seoul, Korea (December 2007).

Nucleon Resonances in $KS(1385)$ Photoproduction, **Y. Oh**, Asian Pacific Center for Theoretical Physics Focus Program on Hadronic Physics at RHIC, Seoul, Korea (December 2007).

Charm Deuteron Elliptic Flow in Relativistic Heavy Ion Collisions, **Y. Oh**, Asian Pacific Center for Theoretical Physics Focus Program on Hadronic Physics at RHIC, Seoul, Korea (December 2007).

Heavy-Quark Diffusion in Heavy-Ion Collisions, **R. Rapp**, **Invited Talk**, International Conference on Early Time Dynamics in Heavy Ion Collisions, Montreal, Canada (July 2007).

Phase Transitions with Subnucleonic Degrees of Freedom, **R. Rapp**, **Invited Lecture**, Carpathian Summer School of Physics – 2007 (CSSP07), Sinaia, Romania (August 2007).

Phenomenology Quarkonium Correlators in Medium, **R. Rapp**, **Invited Talk**, Quarkonium Working Group Workshop (QWG07), DESY, Hamburg, Germany (October 2007).

Thermal Dileptons at LHC, **H. van Hees**, International Workshop on “Heavy-Ion Collisions at the LHC: Last Call for Predictions”, CERN, Geneva, Switzerland (May 2007).

Heavy-Quark Kinetics in the QGP at LHC, **H. van Hees**, International Workshop on “Heavy-Ion Collisions at the LHC: Last Call for Predictions”, CERN, Geneva, Switzerland (May 2007).

Heavy Quarks and Vector Mesons in Medium, **R. Rapp**, **Invited Lecture**, School of Collective Dynamics in High-Energy Collisions in Honor of Prof. G. E. Brown on “Medium Properties, Chiral Symmetry and Astrophysical Phenomena”, Lawrence Berkeley National Laboratory, Berkeley, California (May 2007).

An Improved Coalescence Formalism Based on a Transport Equation, **L. Ravagli**, School of Collective Dynamics in High-Energy Collisions in Honor of Prof. G. E. Brown on “Medium Properties, Chiral Symmetry and Astrophysical Phenomena”, Lawrence Berkeley National Laboratory, Berkeley, California (May 2007).

Electromagnetic Spectra at CERN SPS and the QCD Phase Diagram, **H. van Hees**, **Invited Talk**, ECT* Workshop on “Electromagnetic Probes of Strongly Interacting Matter: The Quest for Medium Modification of Hadrons”, Trento, Italy (June 2007).

Omega and Phi Mesons in Hot/Dense Matter: Nuclear Production Reactions and Heavy-Ion Collisions, **D. Cabrera**, **Invited Talk**, ECT* Workshop on “Electromagnetic Probes of Strongly Interacting Matter: The Quest for Medium Modification of Hadrons”, Trento, Italy (June 2007).

Transverse Momentum Dependence of J/ψ in Heavy-Ion Collisions, **X. Zhao**, 2007 APS Division of Nuclear Physics Annual Meeting, Newport News, Virginia (October 2007).

Heavy-Quark Diffusion in the Quark-Gluon Plasma, **H. van Hees**, Joint Texas Meeting of APS, SPS, NHSP, AAPT, NSBP and FIAP, Texas A&M University, College Station, Texas (October 2007).

Transverse Momentum Dependence of J/ψ in Heavy-Ion Collisions, **X. Zhao**, Joint Texas Meeting of APS, SPS, NHSP, AAPT, NSBP and FIAP, Texas A&M University, College Station, Texas (October 2007).

Heavy Quarks in $sQGP$ and Observables at RHIC and LHC, **R. Rapp**, **Invited Talk**, International Heavy Quark Workshop, Lawrence Berkeley National Laboratory, Berkeley, California (November 2007).

Dilepton Production at SPS Energies, **H. van Hees**, **Invited Talk**, CERN- Theory Workshop on “Electromagnetic Radiation in Nuclear Collisions”, Geneva, Switzerland (December 2007).

In-Medium Vector Mesons from Hadronic Many-Body Theory, **R. Rapp**, **Invited Talk**, CERN- Theory Workshop on “Electromagnetic Radiation in Nuclear Collisions”, Geneva, Switzerland (December 2007).

Theoretical Review of Dileptons from Heavy-Ion Collisions, **H. van Hees**, **Invited Plenary Talk**, 20th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 2008), Jaipur, India (February 2008).

Heavy-Quark Diffusion in the $sQGP$, **H. van Hees**, **Invited Talk**, International Workshop on “Hot and Dense Matter in the RHIC-LHC Era”, Tata Institute of Fundamental Research, Mumbai, India (February 2008).

Initial Energy Density, Momentum and Flow in Heavy Ion Collisions, **R.J. Fries**, CERN, Geneva, Switzerland (May 2007).

Photons and Dileptons at LHC, **R.J. Fries**, Workshop on Heavy Ion Collisions at the LHC: Last Call for Predictions, CERN, Geneva, Switzerland (May 2007).

Quark and Gluon Degrees of Freedom in High-Energy Heavy Ion Collisions, **R.J. Fries**, **Invited Plenary Talk**, International Nuclear Physics Conference (INPC 2007), Tokyo, Japan (June 2007).

Early Time Evolution of High Energy Nuclear Collisions, **R.J. Fries**, **Invited Talk**, Workshop on Early Time Dynamics in Heavy Ion Collisions, McGill University, Montreal, Canada (July 2007).

Initial Energy Density and Flow in Heavy Ion Collisions from Classical Gluon Fields, **R.J. Fries**, RIKEN and Brookhaven Nuclear Theory Group, Brookhaven National Laboratory, Upton, New York (September 2007).