

TALKS PRESENTED
April 1, 2005 – March 31, 2006

Systematic of Giant Monopole Energy and the Isotopic Dependence, **Y.-W. Lui**, D.H. Youngblood, H.L. Clark, Y. Tokimoto and B. John, **Invited Talk**, Workshop on Nuclear Incompressibility, University of Notre Dame, South Bend, Indiana, (July 2005).

Giant Resonance Study by ^6Li Scattering, **X. Chen**, Y.-W. Lui, H.L. Clark, Y. Tokimoto, and D.H. Youngblood, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).

Indirect Methods in Nuclear Astrophysics, **R.E. Tribble**, **Invited Talk**, Carpathian Summer School of Physics 2005, Mamaia-Constanta, Romania, (June 2005).

Radioactive Ion Beams: Applications in Nuclear Astrophysics, **R.E. Tribble**, **Invited Talk**, Workshop on The Future of Nuclear Physics at LANSCE, Los Alamos, New Mexico, (July 2005).

Indirect Methods in Nuclear Astrophysics: ANCs, **R.E. Tribble**, **Invited Talk**, Third European Summer School on Nuclear Astrophysics, Catania, Sicily, Italy, (October 2005).

Asymptotic Normalization Coefficients Measured with Stable and Radioactive Ion Beams for Nuclear Astrophysics, **R.E. Tribble**, **Invited Talk**, 50th Symposium on Nuclear Physics, Mumbai, India, (December 2005).

The Texas A&M Upgrade: Accelerated Beams at Intermediate Energies, **R.E. Tribble**, NSCL at Michigan State University, East Lansing, Michigan, (February 2006).

Report to RISAC on NSAC Report: Guidance to Implementing the 2002 Long Range Plan, **R.E. Tribble**, Irvine, California, (February 2006).

d+Au and p+Au Collisions at RHIC, **C.A. Gagliardi**, **Invited Talk**, PANIC'05 Satellite Meeting: New Frontiers at RHIC, Santa Fe, New Mexico, (October 2005).

Some Striking New STAR Results, **C.A. Gagliardi (for the STAR Collaboration)**, **Invited Talk**, 18th Int. Conf. on Ultra-Relativistic Nucl.-Nucl. Coll. (Quark Matter 2005), Budapest, Hungary, (August 2005).

d+Au and p+Au at RHIC, **C.A. Gagliardi**, **Invited Talk**, Workshop on Prot.-Nucl. Coll. LHC, CERN, Geneva, Switzerland, (May 2005).

d+Au at RHIC: Past and Future, **C.A. Gagliardi**, **Invited Talk**, Workshop on pA and eA Physics at RHIC, Brookhaven, Upton, New York, (May 2005).

Extracting the ANCs in Neutron Transfer Reactions to Determine Proton Capture Reaction Rates, **T. Al-Abdullah**, X. Chen, C.A. Gagliardi, Y.-W. Lui, G. Tabacaru, Y. Tokimoto, L. Trache, and R.E. Tribble, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).

TWIST Measurement of the Decay Parameters ρ and δ of Normal Muon Decay, **J.R. Musser (for the TWIST Collaboration)**, 2005 April Meeting of the APS, Tampa, Florida, (April 2005).

*Extracting the ANCs for $^{23}\text{Al} \rightarrow ^{22}\text{Mg}+p$ from the Mirror System $^{23}\text{Ne} \rightarrow ^{22}\text{Ne}+n$, **T. Al-Abdullah**, X. Chen, H.L. Clark, C. Fu, C.A. Gagliardi, Y.-W. Lui, G. Tabacaru, Y. Tokimoto, L. Trache, R.E. Tribble, F. Carstoiu, and S. Piskor, 2005 April Meeting of the APS, Tempa, Florida, (April 2005).*

*Breakup of Loosely Bound Nuclei as Indirect Method in Nuclear Astrophysics: ^8B , ^9C , ^{23}Al , **L. Trache**, International Conference on Nuclear Physics for Astrophysics II, Debrecen, Hungary, (May 2005).*

*Breakup of Loosely Bound Nuclei as Indirect Method in Nuclear Astrophysics: ^8B , ^9C , ^{23}Al , **L. Trache**, C.A. Gagliardi, R.E. Tribble, A.M. Mukhamedzhanov, and F. Carstoiu, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).*

*Nuclear Physics for Astrophysics with Radioactive Beams, **L. Trache**, **Invited Talk**, EURISOL Workshop, Trento, Italy, (January 2006).*

*The Structure of ^{23}Al and the Consequences on the $^{22}\text{Mg}(p,\gamma)^{23}\text{Al}$ Stellar Reaction Rates, **Yongjun Zhai**, **Invited Talk**, School of Physics, Peking University, Beijing, China, (December 2005).*

*Experimental Status of V_{ud} , **J.C. Hardy**, **Invited Talk**, KAON2005, Northwestern University, Evanston, Illinois, (June 2005).*

*Probing the Weak Interaction in Nuclei: Nuclear Structure as Background, **J.C. Hardy**, **Invited Talk**, Nuclear Chemistry Gordon Conference, New London, New Hampshire, (June 2005).*

*CVC Tests and CKM Unitarity, **J.C. Hardy**, **Invited talk**, XXIX Mazurian Lakes Conference on Physics: Nuclear Physics and the Fundamental Processes, Piaski, Poland, (August 2005).*

*Test of Internal-Conversion Theory with Precise γ - and X-Ray Spectroscopy, **J.C. Hardy**, **Invited talk**, 15th International Conference on Radionuclide Metrology and its Application, Oxford, England, (September 2005).*

*Weak Interaction Parameters from Superallowed β Decay, **J.C. Hardy**, **Invited talk**, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).*

*Precision and Pandemonium, **J.C. Hardy**, **Invited talk**, Symposium on Advances in Rare Isotope Research (in Memory of Peder Gregers Hansen), Michigan State University, East Lansing, Michigan, (November 2005).*

*How Idiosyncratic is the Weak Force? **J.C. Hardy**, Colloquium at Abilene Christian University, Abilene, Texas, (November 2005).*

*Weak Interaction Parameters from Superallowed β Decay, **J.C. Hardy**, Colloquium at Thomas Jefferson National Accelerator Facility, Newport News, Virginia, (November 2005).*

*Weak Interaction Parameters from Superallowed β Decay, **J.C. Hardy**, Seminar at University of Jyväskylä, Jyväskylä, Finland, (January 2006).*

*The Weak Force: Dancing to Its Own Tune, **J.C. Hardy**, Saturday Morning Physics at Texas A&M, College Station, Texas, (February 2006).*

Precise Half-Life Measurement of ^{34}Ar , a Superallowed β Emitter, **V.E. Iacob**, J.C. Hardy, C.A. Gagliardi, V.E. Mayes, N. Nica, G. Tabacaru, L. Trache, and R.E. Tribble, Carpathian Summer School of Physics 2005, Mamaia-Constanta, Romaina, (June 2005).

Precise Half-Life Measurement for the Superallowed β^+ emitter ^{34}Ar Emitter, **V.E. Iacob**, J.C. Hardy, C.A. Gagliardi, V.E. Mayes, N. Nica, G. Tabacaru, L. Trache, and R.E. Tribble, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).

Nuclear Structure from a Completeness Perspective, **N. Nica**, Seminar at National Nuclear Data Center (NNDC), Brookhaven National Laboratory, Upton, New York, (March 2005).

Precision Spectroscopy, **N. Nica**, Workshop on Nuclear Structure and Decay Data: Theory and Evaluation, Abdus Salam International Center for Theoretical Physics, Trieste, Italy, (April 2005).

Precision Spectroscopy, **N. Nica**, Seminar at National Institute of Physics and Nuclear Engineering, Bucharest, Romania, (April 2005).

Nuclear Structure from a Completeness Perspective, **N. Nica**, Seminar at National Superconducting Cyclotron Laboratory, Michigan State University, East Lansing, Michigan, (September 2005).

Future Plans at RHIC, **S. Mioduszewski**, **Invited Talk**, CNS-RIKEN Workshop on Physics of Quark Gluon Plasma, Tokyo, Japan, (February 2006).

Do We Really Understand Energy Loss at RHIC? **S. Mioduszewski**, Seminar at Purdue University, West Lafayette, Indiana, (November 2005).

Tools to Characterize the Matter Created at RHIC, **S. Mioduszewski**, **Invited Talk**, Sambamurti Memorial Lectureship, Brookhaven National Laboratory, Upton, New York, (July 2005).

Where Are We in the Search for the QGP? **S. Mioduszewski**, **Invited Talk**, RHIC Retreat 2005, Montauk, New York, (June 2005).

Direct Photons at RHIC, **S. Mioduszewski**, Workshop on Electromagnetic Probes, ECT*, Trento, Italy, (June 2005).

Probing the Matter Created at RHIC, **S. Mioduszewski**, BNL Lecture, Brookhaven National Laboratory, Upton, New York, (April 2005).

Recent Experiments on Resonance Scattering with Rare Beams and R matrix Analysis, **V.Z. Goldberg**, **Invited Talk**, International Conference on Direct Reactions with Exotic Beams 2005, NSCL, Michigan State University, East Lansing, Michigan, (June 2005).

Former Aims and New Horizons in Studies of Reverse Kinematics Resonance Scattering, **V.Z. Goldberg**, **Invited Talk**, LV International Nuclear Physics Conference on Frontiers in the Physics of Nuclei, St. Petersburg, Russia, (July 2005).

Resonance Scattering Induced by Radioactive Beams, **V.Z. Goldberg**, **Invited Talk**, International Workshop on Nuclear Physics, San Paulo, Brazil, (September 2005).

History of the Russian Nuclear Bomb Program, **V.Z. Goldberg**, Lecture Series on Thoughts on the Unthinkable, University of Notre Dame, South Bend, Indiana, (September 2005).

$^{11}\text{C}+p$ Resonance Interaction and Nuclear Structure ^{12}N , **V.Z. Goldberg**, Seminar on LBNL, University of California, Berkley, California, (June 2005).

Super Heavy Hydrogen, ^7H , Will be Discovered Soon, **V.Z. Goldberg**, Seminar on St. Petersburg State University, St. Petersburg, Russia, (June 2005).

α Cluster Structure in $N\neq Z$ Light Nuclei, **V.Z. Goldberg**, Seminar on Moscow State University, Moscow, Russia, (July 2005).

Resonance Scattering Induced by Radioactive Beams (from α to ω), **V.Z. Goldberg**, Seminar on Institute of Nuclear Physics, Kiev, Russia, (July 2005).

Heavy-Ion Collision Studies of the Symmetry Energy at High Temperature and Very Low Density, **J.B. Natowitz**, **Invited Talk**, CCAST Workshop on Isospin Physics and Nuclear Liquid Gas Phase Transition, Beijing, China, (August 2005).

The Symmetry Energy at high Temperature and Very Low Density, **J.B. Natowitz**, **Invited Talk**, Shanghai Institute Of Applied Physics, Shanghai, China, (August 2005).

From Nuclear Collisions to the Equation of State of Nuclear Matter, **J.B. Natowitz**, **Invited Talk**, Washington University, St. Louis, Missouri, (August 2005).

Symmetry Energy in Low Density Nuclear Gases, **J.B. Natowitz**, **Invited Talk**, University of Padova, Padova, Italy, (March 2006).

Symmetry Energy in Low Density Nuclear Gases, **J.B. Natowitz**, **Invited Talk**, Laboratori Nazionali di sud Catania, Catania, Italy, (March 2006).

Heavy Ion Reaction Dynamics and the Properties of Highly Excited Nuclei, **J.B. Natowitz**, **Invited Talk**, Workshop on Heavy Ions & Isotopes, Chandigarh, India, (October 2005).

Isoscaling and Primary Fragment Distribution in Nucleus-Nucleus Collisions at Intermediate Energies, **S. Kowalski**, IWM2005, Catania, Italy, (December 2005).

Broad Range Relativistic Heavy Ion Measurements Overview, **K. Hagel**, (for the BRAHMS Collaboration), **Invited Talk**, VI Latin American Symposium on Nuclear Physics and Applications, Iguazu, Argentina, (October 2005).

The Future of Nuclear Science Education : The Need for Increased Participation, **S.J. Yennello**, **Invited Talk**, 231st ACS meeting, Atlanta, Georgia, (March 2006).

Rare Isotope Beam (RIB) Capabilities Expected from the Upgrade Project of the Texas A&M Cyclotron Institute, **G.A. Souliotis**, **Invited Talk**, HRIBF Fusion-Fission Workshop, Oak Ridge National Laboratory, Oak Ridge, Tennessee, (December 2005).

Symmetry Energy in the Equation of State of Asymmetric Nuclear Matter from Heavy Ion Collisions, **S.J. Yennello**, **Invited Talk**, PACIFICHEM, Honolulu, Hawaii, (December 2005).

The Heart of Matter: The World of Nucleus, **S.J. Yennello**, **Invited Talk**, Women in Science, Queens College, New York, (November 2005).

Symmetry Energy in the Equation of State of Asymmetric Nuclear Matter, **S.J. Yennello**, **Invited Talk**, VI Latin American Symposium on Nuclear Physics and Applications, Iguazu, Argentina, (October 2005).

Studying the Nuclear Equation of State (EOS) Using Heavy Ions, **S.J. Yennello**, **Invited Talk**, Institute of Modern Physics, Lanzhou, China (August 2005).

Using Isoscaling to Understand the Symmetry Energy of the Nuclear Equation of State, **S.J. Yennello**, **Invited Talk**, CCAST Workshop on Isospin Physics and Liquid Gas Phase Transition, Beijing, China (August 2005).

Nuclear Reactions, **S.J. Yennello**, **Invited Talk**, RIA Summer School, Berkeley, California (August 2005).

Connections between Nuclear Reactions and Astrophysics, **S.J. Yennello**, **Invited Talk**, RIA Summer School, Berkeley, California (August 2005).

Nuclear Equation of State : What Can We Learn about Neutron Stars from Atomic Nuclei ? **D.V. Shetty**, Texas Section of the APS Meeting, University of Houston, Houston, Texas, (October 2005).

Density Dependence of the Symmetry Energy in the Equation of State of Asymmetric Nuclear Matter, **S.J. Yennello**, **Invited Talk**, VI Latin American Symposium on Nuclear Physics and Applications, Iguazu, Argentina, (October 2005).

Scaling of Projectile Residue Yields from Peripheral Heavy-Ion Collisions Below the Fermi Energy, **G.A. Souliotis**, DNP Meeting, Maui, Hawaii, (September 2005).

Projectile Residue Studies Around and Below the Fermi Energy, **G.A. Souliotis**, **Invited Talk**, GSI, Darmstadt, Germany, (September 2005).

Survival of Very Neutron Rich Fragments in Multifragmentation, **G.A. Souliotis**, APS Meeting, Tampa, Florida, (April 2005).

Critical Analysis of Data from Peripheral Si + Sn Reaction at 50 MeV/nucleon – Probing N/Z Degree of Freedom, **M. Jandel**, APS Meeting, Tampa, Florida, (April 2005).

Using Light Cluster Production to Explore the Density Dependence of the Nuclear Symmetry Energy, **S. Soisson**, APS Meeting, Tampa, Florida, (April 2005).

Determining the Density Dependence of the Symmetry Energy: Theoretical Perspectives, **C. M. Ko**, Workshop on Nuclear Equation of State for Nuclei, Neutron Stars and Supernovae, Jonesboro, Arkansas (April 2005).

Heavy Flavor Flow, **C. M. Ko**, RHIC II Heavy Flavor Meeting, Brookhaven National Laboratory, Upton, New York (April 2005).

Hadronization via Coalescence, **C. M. Ko**, Chinese STAR Collaboration Summer School, Wuhan, China (June 2005).

Quark Coalescence and the Scaling of Hadron Elliptic Flow, **C. M. Ko**, Chinese STAR Collaboration Workshop, Wuhan, China (June 2005).

Anisotropic Flow in Relativistic Heavy Ion Collisions, **C. M. Ko**, Eastern Forum on International Collaboration for High Energy Nuclear Physics and China's Opportunity, Shanghai, China (June 2005).

Transport Model Study of HBT at RHIC, **C. M. Ko**, Proceedings of International Workshop on Particle Correlations and Femtoscopy, Kromeriz, Czech Republic (August 2005).

Parton Hadronization in Medium, **C. M. Ko**, International Workshop on Parton Propagation Through Strongly Interacting Matter, Trento, Italy (September 2005).

Paronic Degree of Freedom and Hadronization Dynamics at RHIC, **C. M. Ko**, International Conference on Strangeness in Quark Matter, Los Angeles (March 2006).

Can the Spectroscopic Factors be Extracted from Transfer Reactions?, **A.M. Mukhamedzhanov**, **Invited Talk**, RIKEN, Tokyo, Japan, (April 2005).

Three-Body Coulomb Effects in the Coulomb Breakup Reactions, **A.M. Mukhamedzhanov**, **Invited Talk**, Workshop on Coulomb Breakup Reactions, RIKEN, Tokyo, Japan, (April 2005).

Three-body Integral Equations with Coulomb Interactions, **A.M. Mukhamedzhanov**, **Invited Talk**, Tokyo University of Science, Tokyo, Japan, (April 2005).

Indirect Techniques in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, International Conference on Nuclear Physics in Astrophysics II, Debrecen, Hungary, (May 2005).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, Physics Department, University of Surrey, Guilford, England, (October 2005).

Trojan Horse as Indirect Technique in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, 3rd European School on Experimental methods in nuclear astrophysics, Santa Tecla, Sicily, Italy, (October 2005).

Indirect Techniques in Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, International Symposium on Origin of Matter and Evolution of Galaxies (OMEG05)-New Horizon of Nuclear Astrophysics and Cosmology, University of Tokyo, Tokyo, Japan, (November 2005).

Asymptotic Normalization Coefficients in Nuclear Reactions and Nuclear Astrophysics, **A.M. Mukhamedzhanov**, **Invited Talk**, TRIUMF, Vancouver, Canada, (January 2006).

Indirect Techniques in Nuclear Astrophysics: Asymptotic Normalization Coefficients and Trojan Horse, **A.M. Mukhamedzhanov**, **Invited Talk**, ORSAY, France, (March 2006).

Hadrons in Medium - Theory, **R. Rapp**, **Invited Talk**, 2005 April Meeting of the APS, Tempa, Florida, (April 2005).

Dileptons in Heavy-Ion Reactions and (Light) Vector Mesons in Medium, **R. Rapp**, **Invited Talk**, International School on Quark-Gluon Plasma and Heavy-Ion Collisions: Past, Present and Future, Torino Italy, (May 2005).

Electromagnetic Probes in Heavy-Ion Reactions, **R. Rapp**, **Invited Talk**, European Graduate School Day Basel-Tübingen, Tübingen University, Tübingen, Germany, (May 2005).

Introduction to Dileptons and in-Medium Vector Mesons, **R. Rapp**, **Invited Talk**, International Workshop on Electromagnetic Probes of Hot and Dense Matter, ECT*, Trento, Italy, (June 2005).

Quarkonia in Medium and in Heavy-Ion Collisions, **R. Rapp**, **Invited Talk**, Heavy-Flavor Workshop of RHIC & AGS Users Meeting, Brookhaven National Laboratory, Upton, New York, (June 2005).

Theoretical Perspectives on RHIC: Heavy Flavor and Thermal Radiation, **R. Rapp**, **Invited Talk**, STAR Collaboration Meeting, Warsaw, Poland, (August 2005).

Heavy-Quark Thermalization and Resonances in the QGP, **R. Rapp**, 18th International Conference on Ultrarelativistic Nucleus-Nucleus Collisions (Quark Matter 2005), Budapest, Hungary, (August 2005).

What is the Origin of Mass? ... and the Quest for the Quark-Gluon Plasma, **R. Rapp**, Physics Department Graduate Orientation, Texas A&M University, College Station, Texas, (August 2005).

Diagnosis of the Quark-Gluon Plasma: Thermal Radiation and Heavy-Quark Probes, **R. Rapp**, Colloquium at Texas A&M University, College Station, Texas, (September 2005).

Heavy-Quark Spectra at RHIC and Resonances in the QGP, **R. Rapp**, **Invited Talk**, Heavy-Flavor Tracker Workshop, Lawrence Berkeley National Laboratory, Berkeley, California, (October 2005).

Electromagnetic Probes at the LHC (in Real + Virtual Light of SPS and RHIC Results), **R. Rapp**, **Invited Talk**, Satellite Meeting on Heavy-Ion Physics at the LHC at the Particle and Nuclear Interactions Conference (PANIC '05), Santa Fe, New Mexico, (October 2005).

The Case for Future RHIC (in Real+Virtual Light of Electromagnetic Probes), **R. Rapp**, **Invited Talk**, BNL Physics Advisory Committee Meeting, Brookhaven National Laboratory, Upton, New York, (November 2005).

Quark-Gluon Plasma: Thermal Radiation + Heavy-Quark Probes, **R. Rapp**, **Invited Talk**, Triangular Nuclear Theory Colloquium, Duke University, Durham, North Carolina, (November 2005).

Dilepton Spectroscopy in (Ultra-) Relativistic Heavy-Ion Collisions, **R. Rapp**, **Invited Talk**, International Workshop on The Physics of Compressed Baryonic Matter, GSI, Darmstadt, Germany, (December 2005).

Heavy-Quark Diffusion, Flow and Recombination at RHIC, **R. Rapp**, **Invited Talk**, International Conference on Strangeness in Quark Matter (SQM06), University of California, Los Angeles, California, (March 2006).

Medium Modifications of Hadrons and Electromagnetic Probes, **H. van Hees**, **Invited Talk**, 22nd Winter Workshop on Nuclear Dynamics, La Jolla, California, (March 2006).

Medium Modifications and Chiral Symmetry, **H. van Hees**, **Invited Talk**, STAR Collaboration Meeting, BNL, Brookhaven National Laboratory, Upton, New York, (March 2006).

Collective Flow, RAA and Heavy Flavor Rescattering, **H. van Hees**, **Invited Talk**, Heavy Flavor Productions & Hot/Dense Quark Matter, Riken BNL Research Center, Upton, New York, (December 2005).

Schwerionenstöße und das stark wechselwirkende Quark-Gluon Plasma, **H. van Hees**, Colloquium at Fakultät für Physik der Universität Bielefeld, Bielefeld, Germany, (November 2005).

Thermalization and Flow of Heavy Quarks in the QGP, **H. van Hees**, Particles and Nuclei International Conference (PANIC 05), Santa Fe, New Mexico, (October 2005).

Thermalization of Heavy Quarks in the QGP, **H. van Hees**, 2nd RHIC II Science Workshop, BNL, Brookhaven National Laboratory, Upton, New York, (April 2005).

Chiral Symmetry and Electromagnetic Probes, **H. van Hees**, 2nd RHIC II Science Workshop, BNL, Brookhaven National Laboratory, Upton, New York, (April 2005).

Current Status of The Nuclear Matter Equation of State, **S. Shlomo**, **Invited Talk**, The LV National Conference on Nuclear Physics on Frontiers in the Physics of Nucleus, St. Petersburg, Russia, (July 2005).

Microscopic Analysis of Excitation of Giant Resonances by α Scattering and Nuclear Compressibility, **S. Shlomo**, **Invited Talk**, INST School on Nuclear Physics and Astrophysics, Hanoi, Veitnam, (August 2005).

Fully self-consistent HF-based RPA calculations for giant resonances, **S. Shlomo**, **Invited Talk**, 2005 2nd Joint Meeting of the Nuclear Physics Divisions of the APS and the Physical Society of Japan, Maui, Hawaii, (September 2005).

The Equation of State of Symmetric and Asymmetric Nuclear Matter, **S. Shlomo**, **Invited Talk**, VI Latin American Symposium on Nuclear Physics and Application, Iguazu, Argentina, (October 2005).

Determining the Parameters of a New Skyrme Effective Interaction Using the Simulated Annealing Method, **S. Shlomo**, **Invited Talk**, International Symposium on Structure of Exotic Nuclei and Nuclear Forces (SENUF06), Tokyo University, Tokyo, Japan, (March 2006).

Nuclear Matter Equation of State and Giant Resonances in Nuclei, **S. Shlomo**, **Invited Talk**, International Workshop on Nuclear Physics With RIBF (RIBF2006), RIKEN, Wako, Japan, (March 2006).

Effects of Self-Consistency Violations in Hartree-Fock Based RPA Calculations for Giant Resonances, **S. Shlomo**, **Invited Talk**, RIKEN Symposium 2006 on Methods of Many-Body Systems: Mean Field Theories and Beyond, RIKEN, Wako, Japan, (March 2006).