

TALKS PRESENTED
April 1, 2001 – March 31, 2002

Isoscalar Giant Dipole Resonance and Nuclear Matter Compressibility, **D. H. Youngblood**, **Invited Talk**, Workshop on Nuclear Collective Motion at Extreme Conditions, The European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT), Trento, Italy (March 2002).

Isoscalar Giant Resonances and Nuclear Matter Compressibility, **Y. -W. Lui**, **Invited Talk**, CCAST, Beijing, China (October 2001).

Isoscalar Giant Dipole Resonance in Sn Isotopes, **Y. -W. Lui**, Workshop on Isoscalar Giant Dipole Resonance, Milan, Italy (March 2002).

Giant Resonances in ^{46}Ti , **Yoshiaki Tokimoto**, H. L. Clark, Y. -W. Lui, and D. H. Youngblood, 2001 First Joint Meeting of the Nuclear Physics Divisions of APS and JPS, Maui, Hawaii, (October 2001).

Isoscalar E0 Strength in ^{12}C , **Bency John**, Y. Tokimoto, H. L. Clark, Y. -W. Lui, and D. H. Youngblood, First Joint Meeting of the Nuclear Physics Divisions of the APS and JPS, Maui, Hawaii, (October 2001).

Experimental Studies on Isoscalar Giant Resonances, **Bency John**, at Bhabha Atomic Research Centre, Mumbai, India, (January 2002).

Giant Monopole Resonance in Sn and cd Isotopes, **Y. -W. Lui**, H. L. Clark, D. H. Youngblood, Y. Tokimoto, Bency John, and X. Chen, 2001 First Joint Meeting of the Nuclear Physics Divisions of APS and JPS, Maui, Hawaii (October 2001).

Asymptotic Normalization Coefficient of ^8B from Breakup Reactions and the S_{17} Astrophysical Factor, **L. Trache**, **C. A. Gagliardi**, **R. E. Tribble**, and **F. Carstoiu**, 2001 First Joint Meeting of the Nuclear Physics Divisions of APS and JPS, Maui, Hawaii, (October 2001).

Asymptotic Normalization Coefficients from Breakup of Light Nuclei and Astrophysical S-factors, **L. Trache**, **C. A. Gagliardi**, **A. M. Mukhamedzhanov**, **R. E. Tribble**, **F. Carstoiu**, and **E. Sauvan**, 2001 First Joint Meeting of the Nuclear Physics Divisions of APS and JPS, Maui, Hawaii, (October 2001).

Asymptotic Normalization Coefficients in Nuclear Astrophysics and Structure, **Carl A. Gagliardi**, 3rd International Conference on Exotic Nuclei and Atomic Masses, Hameenlinna Finland, (July 2001).

ANC Measurements at Texas A&M, **Carl A. Gagliardi**, Mini Symposium on Explosive Nucleosynthesis, First Joint Meeting of the Nuclear Physics Divisions of the APS and JPS, Maui, Hawaii, (October 2001).

Coalescence and Chemical Equilibrium in Multifragmentation at Intermediate Energies, **T. J. Keutgen**, ACS Meeting 2001, San Diego, California, (April 2001).

- *Superallowed Beta Decay: A Nuclear Probe of the Electroweak Standard Model*, **J. C. Hardy**, **Invited Talk**, Michigan State University, East Lansing, U.S.A. (January 2001).

- *Precise Efficiency Calibration of an HPGe Detector: Source Measurements and Monte Carlo Calculations with Sub-percent Precision*, **J. C. Hardy, Invited Talk**, 13th International Conference on Radionuclide Metrology and its Applications, Braunschweig, Germany (May 2001).
 - *Superallowed 0^+ -to- 0^+ Beta Decay and CKM Unitarity: Recent Results and Future Prospects*, **J. C. Hardy, Invited Talk**, International Conference on Exotic Nuclei and Atomic Masses, ENAM01, Hameenlinna, Finland (July 2001).
 - *Superallowed 0^+ -to- 0^+ Beta Decay and CKM Unitarity: Recent Results and Future Prospects*, **J. C. Hardy, Invited Talk**, International Workshop on Nuclear Physics with Radioactive Ion Beams, Lanzhou, China (August 2001).
 - *CKM Unitarity and Beta Branching Ratios with $\sim 0.1\%$ Precision*, **J. C. Hardy**, V.E. Jacob, M. Sanchez-Vega, V.E. Mayes, R.G. Neilson and R.G. Helmer, 2001 Fall Meeting of the APS Division of Nuclear Physics, Maui, U.S.A. (October 2001).
 - *Superallowed 0^+ -to- 0^+ Beta Decay: Probing the Weak Force*, **J. C. Hardy, Invited Talk**, American Nuclear Society Winter Meeting, Reno, U.S.A. (November 2001).
 - *Superallowed Beta Decays*, **J. C. Hardy, Invited Talk**, Workshop on Low Energy Precision Electroweak Measurements, LEPEN2002, Vancouver, Canada (April 2002).
 - *Precise Measurement of the Half-life of ^{22}Mg* , **V. E. Jacob**, J. C. Hardy, M. Sanchez-Vega, E. Mayes, A. Azhari, C. A. Gagliardi, L. Trache and R. E. Tribble, 2001 Spring Meeting of the APS Division of Nuclear Physics, Washington, U.S.A. (April 2001).
 - *Precise Measurement of Superallowed Branching Ratios in the \exists -decay of ^{22}Mg* , **M. Sanchez-Vega**, J. C. Hardy, V. E. Jacob, E. Mayes, A. Azhari, C. A. Gagliardi, L. Trache and R. E. Tribble, 2001 Spring Meeting of the APS Division of Nuclear Physics, Washington, U.S.A. (April 2001).
- Rare Isotope Production Around the Fermi Energy*, **G. A. Souliotis**, M. Veselsky, L. Trache, G. Chubarian, A. Keksis, E. Martin, A. Ruangma, E. Winchester, and S. J. Yennello, 2001 First Joint Meeting of the Nuclear Physics Divisions of the APS and JPS, Maui, Hawaii (October 2001).
- Rare Isotope Production Around the Fermi Energy at Texas A&M*, **G. A. Souliotis, Invited Talk**, presented at the 2nd EURISOL Town Meeting, Abano Terme (Padova) Italy (January 2002).
- Influence of Reaction Dynamics on the Distribution of Isospin in the Reactions Induced by ^{124}Sn , ^{124}Xe beams*, **M. Veselsky, Invited Talk**, 2001 First Joint Meeting of the Nuclear Physics Divisions of the APS and JPS, Maui, Hawaii (October 2001).
- Studies of Reaction Dynamics in the Fermi Energy Domain*, **M. Veselsky, Invited Talk**, Fifth International Conference on Dynamical Aspects of Nuclear Fission, Casta-Papiernicka, Slovak Republic (October 2001).

Fission Time Scales from Neutrons and Gamma Rays, **R. P. Schmitt**, T. Botting, G. G. Chubarian, K. L. Wolf, B. J. Hurst, H. Jabs, M. Hamelin, A. Bacak Yu. Ts. Oganessian, M. G. Itkis, E. M. Kozulin, N. A. Kondratiev, V. S. Salamatin, I. Pokrovski, F. Hanappe, E. de Goes Brennand, A. Huck, L. Stuttge, E. Liatard, J. Beene, R. Varner, M. Halbert, and N. Gan, Sandanski, Bulgaria (May 2001).

Multiple Electron Stripping of Heavy Ion Beams, R. L. Watson, **D. Mueller**, L. Grisham, and I. Kagonovich, Meeting of the Division of Plasma Physics of the American Physical Society, Long Beach, California (October 2001).

Strangeness Equilibration in Heavy Ion Collisions, **C. M. Ko**, **Invited Talk**, International Conference on Non-Equilibrium and Nonlinear Dynamics in Nuclear and Other Finite Systems, Beijing, China (May 2001).

Strangeness Equilibration in Hot Dense Hadronic Matter, **C. M. Ko**, **Invited Talk**, International Workshop on Strangeness Production in Nuclear Collisions from 1 to 200 GeV, Trento, Italy (June 2001).

Modeling Heavy Ion Collisions at RHIC, **C. M. Ko**, **Invited Talk**, International Workshop on Nuclear Many Body Problems and Subnucleonic Degrees of Freedom, Heavy Ion Collider, Changchun, China (July 2001).

Multiphase Transport Model for Heavy Ion Collisions at RHIC, **C. M. Ko**, **Invited Talk**, International Workshop on the Physics of the Quark-Gluon Plasma, Paris, France (September 2001).

Multiphase Transport Model for RHIC, **C. M. Ko**, **Invited Talk**, Workshop on Quantum Transport in Relativistic Heavy Ion Collisions, Giessen, Germany (November 2001).

Partonic Effects in Heavy Ion Collisions at RHIC, **C. M. Ko**, **Invited Talk**, International Workshop on Quark and Hadron Dynamics in Relativistic Heavy Ion Collisions, Budapest, Hungary (March 2002).

Asymptotic Normalization Coefficients and R-matrix Approach, Subthreshold Resonances and Radiative Capture Reactions, **A. Mukhamedzhanov**, International Conference: Nuclear Physics at Border Line, Lipari, Italy (May 2001).

Contemporary Status of the Three Charged Particles Problem: My Personal View, **A. Mukhamedzhanov**, **Invited Talk**, University of Lisbon, (May 2001).

Nuclear Reactions and Nuclear Astrophysics, **A. Mukhamedzhanov**, **Invited Talk**, Centro Multidisciplinar de Astrofísica, Lisbon, Portugal (June 2001).

Direct Nuclear Reactions and Nuclear Astrophysical Radiative Capture Processes, **A. Mukhamedzhanov**, **Invited Talk**, Madrid University, Madrid, Spain (June 2001).

Determination of CNO Astrophysical Processes from Classical Nuclear Reactions, **A. Mukhamedzhanov**, **Invited Talk**, Centro de Física das Interacções Fundamentais, Lisbon, Portugal (June 2001).

Direct Nuclear Reactions and Nuclear Astrophysical Radiative Capture Processes, **A. Mukhamedzhanov**, **Invited Talk**, SNSCM, Orsay, Paris, France. (June 2001).

*Astrophysical Factors for CNO Processes $^{11}\text{C}+p \rightarrow ^{12}\text{N} + \text{gamma}$ and $^{13}\text{C} + p \rightarrow ^{14}\text{N} + \text{Gamma}$ and ANCs from Direct Transfer Reactions, **A. Mukhamedzhanov, Invited Talk**, CENBG, Bordeaux, France (June 2001).*

*Direct Nuclear Reactions and Nuclear Astrophysics, **A. Mukhamedzhanov**, Workshop: Direct Reactions with Exotic Nuclei, Inp, Orsay, France (June 2001).*

*Astrophysical Factors, **A. Mukhamedzhanov, Invited Talk**, Ohio University, Athens, Ohio (February 2002).*

*Direct Capture Astrophysical Factors, **A. Mukhamedzhanov, Invited Talk**, Oak Ridge National Laboratory, Oak Ridge, Tennessee (February 2002).*

*Determining The Nuclear Matter Incompressibility Coefficient From Compression Modes in Nuclei, **S. Shlomo, Invited Talk**, International Nuclear Physics Conference (INPC 2001), Berkeley, California (July 2001).*

*Nuclear Equation of State And Compression Modes, **S. Shlomo, Invited Talk**, IV Latin American Symposium on Nuclear Physics, Mexico City, Mexico (September 2001).*

*Microscopic Analysis of Excitation of Giant Resonances by Alpha Scattering, **S. Shlomo, Invited Talk**, Joint APS/JPS Meeting, Maui, Hawaii (October 2001).*

*The Isoscalar Giant Dipole Resonance And The Nuclear Matter Incompressibility Coefficient, **S. Shlomo, Invited Talk**, The Weizmann Institute of Science, Rehovot Israel (December 2001).*

*The Isoscalar Giant Dipole Resonance And The Nuclear Matter Incompressibility Coefficient--Is There a Problem, **S. Shlomo, Invited Talk**, Workshop on Nuclear Collective Motion at Extreme Conditions, The European Center for Theoretical Studies in Nuclear Physics and Related Areas (ECT), Trento, Italy (March 2002).*

*Phase Transitions in Asymmetric Nuclear Matter, **A. I. Sanzhur, Invited Talk**, International Nuclear Physics Conference (INPC 2001), Berkeley, California (July 2001).*