

SECTION II

**PUBLICATIONS, CONFERENCE PROCEEDINGS,
INVITED TALKS, THESIS TITLES AND VISITORS**

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Physics with Radioactive Beams at MSU/NSCL; S.M. Austin, XV Symposium on Nuclear Physics, Oaxtepec, Mexico, January 7-10, 1992.

Dissipation and the Population of Compound Nuclei; M. Thoennessen, Eighth Winter Workshop on Nuclear Dynamics, Jackson Hole, Wyoming, 18-25 January 1992.

Heavy Ion Excitation of Giant Resonances; C. Bertulani, *ibid.*

Intermediate Mass Fragment Production in 50 MeV/A Xe-induced Reactions; G.F. Peaslee, *ibid.*

The Disappearance of Flow; G.D. Westfall, *ibid.*

Tying Up Some Loose Ends in Subthreshold Pion and High Energy Gamma Production in Heavy Ion Collisions; W. Benenson, *ibid.*

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Formation of Composites Emitted At Large Angles in Intermediate and High Energy Reactions; P. Danielewicz, International Workshop on Dynamical Fluctuations and Correlations in Nuclear Collisions, Aussois, France, March 16-20, 1992.

Multi-Fragmentation in Intermediate Energy Nucleus-Nucleus Collisions; W.G. Lynch, *ibid.*

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Non-Linear Beam Transport Effects in Highly Charged Positive Ion Beams Extracted From ECR Ion Sources; T.A. Antaya, International Workshop on Nonlinear Problems in Accelerator Physics, Berlin, Germany, March 30 - April 2, 1992.

Nonlinear Map Methods in Accelerator Physics; M. Berz, *ibid.*

Reconstructive Corrections for Spectrographs; M. Berz, *ibid.*

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Isomer and Radioactive Beams; W. Benenson, 30th Holzhauser School, Dresden, Germany, April 1992.

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Production and Use of Exotic Nuclear Beams at MSU; D.J. Morrissey, Am. Chemical Society Symposium on Production and Utilization of Radioactive Nuclear Beams, San Francisco, April 5-10, 1992.

Experiments Using a ^{11}Li Beam at the NSCL; B.M. Sherrill, *ibid.*

Studies of New Nuclei Between $Z = 31$ and 44 Along The Proton Dripline; S.J. Yennello, *ibid.*

Superconducting Cyclotrons (Tom W. Bonner Prize Award Lecture); H.G. Blosser, Spring Meeting of the American Physical Society, Washington, D.C., April 20-24, 1992.

Miniball Results; M.B. Tsang, Meeting to Mark 1001 Days of the Aladin Collaboration, Darmstadt, Germany, May 18-20, 1992.

Chaotic Scattering Off Level Crossings and Chaotic Characteristics of Level Crossings; A. Bulgac and D. Kusnezov, Third Drexel Symposium on Quantum Nonintegrability, Philadelphia, Pennsylvania, May 1992.

Measurement of Half-Lives of Short-Lived Proton-Rich Nuclei; B.M. Sherrill, 180th Meeting of the American Astronomical Society, Columbus, Ohio, June 1992.

The Dynamics and Thermodynamics of Hot Nuclear Matter; D.R. Bowman, 41st Gordon Conference on Nuclear Chemistry, New London, New Hampshire, June 15-19, 1992.

Studies of Nuclei at the Limits of Beta-Stability; B.M. Sherrill, *ibid.*

Non-Linear Beam Transport Effects in Highly Charged Positive Ion Beams Extracted From ECR Ion Sources; T.A. Antaya, 13th International Conference on Cyclotrons and Their Applications, Vancouver, Canada, July 6-10, 1992.

Performance of the Harper Hospital Cyclotron: Effect of Pulsed Radio Frequency; H.G. Blosser, *ibid.*

Lectures on Halo Nuclei, G.F. Bertsch, CXXI Course at the "Enrico Fermi" Intl. School of Physics, Perspectives in Many-Particle Physics, July 7-17, 1992.

Introduction to COSY INFINITY (three lectures); M. Berz, COSY Symposium, Argonne National Laboratory, Argonne, Illinois, July 8-10, 1992.

Studies of Nuclei Far from Stability Using Radioactive Beams at Michigan State University; B.M. Sherrill, Sixth International Conference on Nuclei Far from Stability and Ninth International Conference on Atomic Masses and Fundamental Constants, Bernkastel-Kues, Germany, July 19-24, 1992.

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Beam Loading of Deflectors (and Other Observations); T. Antaya, Workshop on High Voltage Deflectors for Superconducting Cyclotrons, College Station, Texas, September 14-15, 1992.

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- Multifragment Decays of Expanding Nuclear Systems; C.K. Gelbke, Second LISS Workshop on Excitation of Nucleons and Nuclei with 1-15 GeV Light Ion Beams, Bloomington, Indiana, September 18-20, 1992.**
- Neutron Emission in Nucleus-Nucleus Collisions; A. Galonsky, Ceremony Marking the 20th Anniversary of the Scientific Cooperation with The National Science Foundation of the USA, The Hungarian Academy of Sciences, Budapest, Hungary, September 29, 1992.**
- Multifragmentation in Nucleus-Nucleus Collisions; W.G. Lynch, National Meeting of the Brazilian Physical Society, Caxambu, Brazil, September 1992.**
- Particle-Particle Correlations and the Space-Time Structure of Heavy Ion Reactions; W. Bauer, International School of Nuclear Physics, 14th Course: Heavy Ion Collisions at Intermediate and Relativistic Energies, Erice, Italy, September 1992.**
- Production and Decay of Highly Excited Nuclear Matter; W. Bauer, Second Workshop on LISS Physics, Bloomington, Indiana, September 1992.**
- The Atomic Nature of the Ion Production Limit in ECR Ion Sources; T.A. Antaya, Sixth International Conference on the Physics of Highly Charged Ions, Manhattan, Kansas, Sept. 28 - Oct. 2, 1992.**
- The Description of Nonlinear Beam Dynamics with Map Methods; M. Berz, 13th International Particle Accelerator Conference, Dubna, Russia, October 13-15, 1992.**
- The Nature of Nuclear Halos; B.M. Sherrill, 1992 Fall Meeting of the Division of Nuclear Physics of the American Physical Society, Santa Fe, New Mexico, October 14-17, 1992.**
- Influence of Dissipation on the Population and Decay of Compound Nuclei; M. Thoennessen, International Symposium on Rapidly Rotating Nuclei 1992, Tokyo, Japan, October 26-30, 1992.**
- Spin Strength for Astrophysics: Heavy Ion Probes; S.M. Austin, International Symposium on Nuclear Physics in the Universe, Oak Ridge, Tennessee, October 1992.**
- Proton Dripline Nuclei of Interest to Astrophysics; W. Benenson, Twelfth International Conference on the Application of Accelerators in Research and Industry, Denton, Texas, November 2-5, 1992.**
- Beta-Decay Studies of Exotic Nuclei Using Projectile Fragment Beams; J.A. Winger, *ibid.***
- The Atomic Nature of the Ion Production Limit in ECR Ion Sources; T.A. Antaya, Sixth International Conference on the Physics of Highly Charged Ions, Manhattan, Kansas, October 2, 1992.**
- A. Bulgac, Excitation of Plasmon States in Fullerenes, Electrochemical Society Meeting, Toronto, Canada, October 1992.**
- Bubble and Ring Formation in Fragmentation Events; W. Bauer, Theory Workshop on Dynamical Fluctuations in Heavy-Ion Collisions, Caen, France, October 1992.**
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MSU THESIS TITLES

Yu Ming Chen, "Half-Life of ^{32}Si by Projectile Fragment Implantation."

Yves Dardenne, "Inclusive Production Cross-Sections for Proton-like Particles from 0.8-GeV/N La+La Collisions."

Douglas Fields, "Intermediate Mass Fragment Production in Intermediate Energy Nuclear Reactions."

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Donald Sackett, "The Electromagnetic Excitation of ^{11}Li ."

Gwangho Yoo, "Investigation of High Lying States Using Single Nucleon Transfer Reactions."

Liang Zhao, "Nuclear Models for Beta and Double-Beta Decays."

Fan Zhu, "Two Particle Correlations and Excited State Populations in Nucleus-Nucleus Collisions."

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