

おしらせ

International Conference on Statistical Properties of Nucleiについて

表記の学会が、明年8月23日から27日まで、AlbanyのState University of New Yorkで開かれる予定です。予定されているトピクスは以下の通りです。

Provisional Suggested Topics for Conference on the Statistical Properties
of Nuclei

1. Introductory Speaker (title to be supplied by speaker)
2. Resonance Reaction Theories
3. Verification of the Theory of Resonance Reactions
4. Nuclear Level Densities, Theoretical
5. Nuclear Level Densities, Experimental
6. Average Cross Sections, Theoretical and Experimental Strength Functions, Theoretical and Experimental Hauser Feshbach Calculation, Their Validity and Application
7. Distribution of Spacings of Nuclear Levels, Theoretical and Experimental
8. Distribution of Neutron Widths and of Fission Widths, Theoretical and Experimental
9. Distribution of Nuclear Reaction and Radiative Capture Widths, Theoretical and Experimental
10. Statistical Decay of the Compound Nucleus, Theoretical and Experimental
11. The Compound Nucleus Model and its Relation to other Models
 - a) Intermediate Structure
 - b) Correlations in Level Widths and Spacings
 - c) Direct and Semi-Direct Interactions

It is hoped that the program chosen for this Conference will serve the important purpose of bridging the gap between the complex mathematical and

theoretical approaches made by the theorists and the enormous amount of careful and precise experimental data for a better understanding of the underlying physical implications of the statistical aspects of nuclear levels and the nuclei in general.

The Conference Organizing Committee consists of the following members:

R. C. Block	RPI
N. Francis	Knolls Atomic Power Laboratory
H. Feshbach	MIT
J. Garg	SUNYA, Conference Chairman
W. W. Havens	Columbia University
N. Rosenzweig	Argonne National Laboratory and SUNYA
D. Sperber	RPI
E. Wigner	Princeton University
L. Rosenfeld	International Advisor