

# Nuclear data working group

Co-conveners:

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# Discussions

- Atomic mass evaluation, Meng Wang, IMPCAS
- AME: Introduction and Development, Wenjia Huang, CSNSM
- Recent Gamma spectroscopy studies at NSRG of IMP, Guangshun Li, IMPCAS
- The nuclear structure and decay data evaluation at Jilin University, Dong Yang, Jilin university
- Need for theory database, Witek Nazarewicz, MSU
- Software support for mass evaluation effort, Michael Smith, ORNL

10 participants

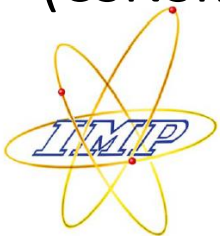
Continuation of the international Atomic Mass Evaluation (AME) collaboration activities under the leadership of Institute of Modern Physics (CAS, China) are critical for the future mass measurement programs at the premier RIB facilities. Continuing support by the community and funding agencies is imperative for securing the future of these activities.

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<http://amdc.impcas.ac.cn>.

AME collaboration:

Meng Wang (IMP), G. Audi (CSNSM), F.G. Kondev (ANL), W.J. Huang (CSNSM), S. Naimi (RIKEN) and Xing Xu (IMP)



It is advocated to establish stronger collaboration links between scientists from US and China in the Nuclear Structure and Nuclear Astrophysics data areas.

It is recommended to include theoretical predictions into the nuclear data activities in order to provide better consistency and credibility to the evaluated nuclear data.

- Recent Gamma spectroscopy studies at NSRG of IMP, Guangshun Li, IMPCAS
- The nuclear structure and decay data evaluation at Jilin University, Dong Yang, Jilin University

# Need for theory databases

