

20 Years of ISOLTRAP

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Twenty years ago, the first publication on a Penning trap mass measurement of a radionuclide appeared in *Hyperfine Interactions* 38 (1987) 793 with the title "FIRST ABSOLUTE MASS MEASUREMENTS OF SHORT-LIVED ISOTOPES". The authors were Georg Bollen, Phillip Dabkiewicz, Peter Egelhof, Thomas Hilberath, Hartmut Kalinowsky, Franz Kern, Harald Schnatz, Lutz Schweikhard and Helmut Stolzenberg from the Institut für Physik, Universität Mainz, Robert B. Moore from the Foster Radiation Laboratory, McGill University, Montreal, H.-Jürgen Kluge from CERN, Geneva, Switzerland and the Institut für Physik, Universität Mainz and George M. TEMMER, and Gerhard ULM from CERN, Geneva, Switzerland and, last but not least, The ISOLDE Collaboration, CERN. Since then, the masses of several hundred radionuclides have been determined at ISOLDE with ever increasing accuracy, sensitivity and applicability. The talk presents an overview on these developments and on the results obtained by use of ISOLTRAP.

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