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Developing an easy to install application for intuitively analyzing data from muon spin spectroscopy. KEVIN PETERSEN, BENJAMIN FRANDBSEN, Brigham Young University - Provo — Muon spin spectroscopy is a method of investigating the magnetic properties of various types of condensed matter by implanting a beam of spin polarized muons in a small sample of the material and analyzing the precession or relaxation of the muon spin in the local magnetic field. The data we get from these experiments and the programs currently used to visualize or analyze the data can be cumbersome to download and work with. Our project was to create a smaller program that was easier to install but still provided the necessary features and a more intuitive interface with which to analyze the data.

Kevin Petersen
Brigham Young University - Provo

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