



### **Making a Smart-Instrument: APlo and Bidirectional Communication**

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With PaSER (parallel search real time), it has become possible to search DDA data in real-time. In addition to providing a streamlined analysis platform, PaSER makes it possible to create intelligent acquisition techniques that can adapt to the quality/content of the search results. This talk will cover what APlo is and its advantages over static acquisition methods.

#### **Biography:**

Ty Garrett is a first-year graduate student in Dr. Yates's lab at the Scripps Research Institute. He received his undergraduate degree from the University of California San Diego, where he majored in Computer Science and Machine Learning. He works on various proteomics research projects, from real-time search engines to Machine Learning.