

MAR17-2016-020138

Abstract for an Invited Paper
for the MAR17 Meeting of
the American Physical Society

The AAPT/ComPADRE Digital Library: Supporting Physics Education at All Levels¹

BRUCE MASON, University of Oklahoma

For more than a decade, the AAPT/ComPADRE Digital Library has been providing online resources, tools, and services that support broad communities of physics faculty and physics education researchers. This online library provides vetted resources for teachers and students, an environment for authors and developers to share their work, and the collaboration tools for a diverse set of users. This talk will focus on the recent collaborations and developments being hosted on or developed with ComPADRE. Examples include PhysPort, making the tools and resources developed by physics education researchers more accessible, the Open Source Physics project, expanding the use of numerical modeling at all levels of physics education, and PICUP, a community for those promoting computation in the physics curriculum.

¹NSF-0435336, 0532798, 0840768, 0937836