

Abstract Submitted
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The PlasmaPy Project: Building an open source software ecosystem for plasma science¹ E. T. EVERSON, UCLA, D. STAŃCZAK, University of Warsaw, N. A. MURPHY, SAO, J. P. BECKERS, ASML, K. BRYANT, U. Michigan, S. FORDIN, U. Delaware, P. HEUER, UCLA, F. KHAN, Bryn Mawr College, P. M. KOZLOWSKI, S. J. LANGENDORF, LANL, A. J. LEONARD, Aperio Software, R. MALHOTRA, Chandigarh U., B. MARUCA, U. Delaware, S. J. MUMFORD, U. Sheffield, T. N. PARASHAR, U. Wellington, D. SCHAFFNER, Bryn Mawr College, D. STANSBY, UCL, F. TAMBOLI, Bryn Mawr College, R. QUDSI, U. Delaware, T. VARNISH, UCL, S. VINCENA, UCLA, PLASMAPY COLLABORATION — The mission of the PlasmaPy Project is to grow an open source software ecosystem for plasma research and education. A software ecosystem is a collection of software projects that are developed and co-evolve in the same environment. The PlasmaPy package is being developed to contain the functionality needed by most plasma scientists. Affiliated or add-on packages will provide more specialized functionality. While the PlasmaPy package is the cornerstone of this effort, the project has the overarching goals of fostering a community of active users and contributors, creating educational resources, and improving interoperability between open source packages. This poster will provide an opportunity to talk with members of the PlasmaPy community about both the package and the project as a whole.

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