GEC20-2020-000545 C

> Abstract for an Invited Paper for the GEC20 Meeting of the American Physical Society

Discovery Plasma Science

SCOTT BAALRUD, University of Iowa

The American Physical Society Division of Plasma Physics Community Planning Process (APS- DPP-CPP) was the first in a two-phase strategic planning process for Fusion Energy Sciences (FES) in the US Department of Energy. The APS-DPP-CPP report was completed in March 2020 and describes a consensus strategic plan for both the development of Fusion Science and Technology (FST) and Discovery Plasma Science (DPS) within FES. This talk will summarize the major finding of the DPS portion of the plan, with an emphasis on the low-temperature plasma and plasma-based technology aspects that are closely connected with the GEC community.