

Abstract Submitted  
for the DPP20 Meeting of  
The American Physical Society

**Princeton Collaborative Low Temperature Plasma Research Facility: first results and new solicitation of proposals.**<sup>1</sup> YEVGENY RAITSES, IGOR KAGANOVICH, Princeton Plasma Physics Laboratory, MIKHAIL SHNEIDER, Princeton University, SHURIK YATOM, SOPHIA GERSHMAN, Princeton Plasma Physics Laboratory, ARTHUR DOGARIU, Princeton University — Low-temperature plasmas have multiple applications in areas ranging from the manufacture of microelectronics, to the synthesis of novel industrial materials, spacecraft propulsion to medicine, catalysis and waste remediation. The US DOE supports the Princeton Collaborative Low Temperature Plasma Research Facility (PCRF), which provides access to state-of-the-art research capabilities, including specialized diagnostic tools, plasma sources and computational resources, and expertise for the nation's plasma research community. This presentation will provide overviews of the research resources, results from the last year solicitation, and present a solicitation of collaborative proposals for the next fiscal year.

<sup>1</sup>This work was supported by the U.S. Department of Energy, Office of Science, Office of Fusion Energy Sciences under contract DE-AC02-09CH11466

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Date submitted: 29 Jun 2020

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