

**WELCOME TO THE FIRST USER MEETING OF  
THE PRINCETON COLLABORATIVE LOW TEMPERATURE  
PLASMA RESEARCH FACILITY (PCRF)**

**August 26-27, 2021**



# Day 1, Thursday 26, 11:30 AM-5:30 PM, EDT

## Opening Session

Session Chair: Yevgeny Raitses, PCRFB, PI/Director, PPPL

Zoom for Day 1: <https://pppl.zoom.us/j/91043598681> Passcode: PCRFB2021

### 11:30 Opening remarks

- John Menard, PPPL Deputy Director for Research
- Nirmol Podder, Program Manager, DOE-FES
- Howard Stone, Chair, Mechanical and Aerospace Eng. Department, Princeton University
- Philip Efthimion, Head of the Plasma Science and Technology Department, PPPL
- Amy Wendt, PCRFB Advisory Board, University of Wisconsin-Madison

12:20 PCRFB report Yevgeny Raitses, PPPL

12:40 Break



# Day 1, Thursday 26, 11:30 AM-5:30 PM, EDT

- **12:45 pm: Technical User Session 1, Session Chair: Igor Kaganovich, PCRf, Co-PI, PPPL**

Maria Carreon Garciduenas, South Dakota School of Mines

Sergey Macheret, Purdue University

Debbie Levin, University of Illinois, Urbana Champaign

Tiernan Casey, Sandia National Laboratory

## 2:05 pm: Break

- **2:15 pm: Technical User Session 2, Session Chair: Mikhail Shneider, PCRf, Co-PI, Princeton University**

Invited talk: Amy Wendt, University of Wisconsin-Madison

Katharina Stapelmann, North Carolina State University

Alexander Fridman and Dmitri Vainchtein, Drexel University

Xuwei Zhang, Texas A&M University-Kingsville

## 3:40 pm: Break

- **3:50 pm: Technical User Session 3, Session Chair: Shurik Yatom, PCRf, PPPL**

Andrey Starikovskiy, Princeton University

Bruce Locke, Radha Krishna Murthy Bulusu, Robert J. Wandell, Florida State University

Invited talk: Uwe Kortshagen, University of Minnesota

Elijah Thimsen, Washington University in St. Louis

- **5:15 pm: Summary/Initial Discussion of user needs**

*6:00 pm: on-line social event*



# Day 2, Friday 27, 10:00 AM-2:00 PM, EDT

- **10:05 am: Technical User Session 4, Session Chair: Sophia Gershman, PCRf, PPPL**

Invited talk: Michael Keidar, George Washington University  
Luca Maddalena, University of Texas-Arlington  
Alexandros Gerakis, Texas A&M, College Station  
Gal Haspel, New Jersey Institute of Technology

## **11:30 pm: Break**

- **11:40 am: Technical PCRf Session 1, Session Chair: Arthur Dogariu, PCRf, Princeton University**

Arthur Dogariu, Princeton University  
Igor Kaganovich, PPPL  
Sophia Gershman, PPPL

## **12:20 pm: Working lunch**

**12:35 “New PPPL LTP Projects in Microelectronics, QIS and Sustainability” David Graves, PPPL Associate Lab Director**

**1:00 pm: Discussions, Moderator: Michael Keidar, GWU, PCRf Advisory Board**

**1:45 pm: Summary/Closing remarks**

**2:00 pm: Adjourn**

