

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
PLASMA RESEARCH CENTER,  
UNIVERSITY of TSUKUBA, JAPAN  
AND  
PRINCETON PLASMA PHYSICS LABORATORY,  
PRINCETON UNIVERSITY, THE UNITED STATES OF AMERICA

Princeton University, as operator of the Princeton Plasma Physics Laboratory under contract with the United States Department of Energy (Contract No. DE-AC02-09CH11466), and University of Tsukuba, a national university duly organized and existing under the laws of Japan, collectively referred to herein as the "Participants," enter into this Memorandum of Understanding ("MOU") to promote academic cooperation.

SHARING an interest in collaborating to advance the science of fusion energy,

HAVE REACHED THE FOLLOWING UNDERSTANDING:

**I. OBJECTIVE**

The Participants intend to work together to develop scientific, academic and educational cooperation on the basis of equality and reciprocity and to promote relations and mutual understanding between the Participants in the area of fusion science.

**II. AREAS OF COOPERATION**

The collaboration between the Participants is intended to be in the area of fusion.

**III. FORMS OF COOPERATION**

Cooperation may include:

- (1) Exchange of academic staff, administrative staff and students;
- (2) Plan for joint research;
- (3) Exchange of academic information and publications; and
- (4) Other academic exchanges to which both Participants consent.

**IV. GENERAL PROVISIONS**

- (1) This MOU does not create any legally binding obligations between the Participants.
- (2) The conduct of cooperative activities contemplated by this MOU is subject to availability of funding, personnel and other resources.

- (3) The Participants understand that any collaborative research and development (R&D) or any activity that will result in the exchange of intellectual property or confidential information can only be conducted under an appropriate written agreement.
- (4) Each Participant should conduct the cooperation under this MOU in accordance with applicable laws and regulations to which it is subject, and international agreements to which its Government is a party.
- (5) Each Participant is to be responsible for the costs it incurs in participating in cooperative activities under this MOU.

## **V. COMMENCEMENT, MODIFICATION AND DISCONTINUATION**

- (1) Cooperative activities under this MOU may commence upon signature and continue for a five (5) year period unless discontinued in accordance with paragraph 2 of this Section V.
- (2) The Participants may discontinue this MOU at any time by mutual consent in writing. Alternatively, a Participant wishing to discontinue its participation in this MOU should endeavor to provide at least 6 months prior written notice to the other Participant.
- (3) This MOU may be modified or extended in writing signed by both Participants, with prior written Department of Energy approval.

For:

Princeton Plasma Physics Laboratory,  
Princeton University

Date: 14 April 2018

Rich Hawryluk  
Rich Hawryluk

Interim Director

Princeton Plasma Physics Laboratory  
Princeton University

For:

Plasma Research Center,  
University of Tsukuba

Date: 29 March, 2018

Yousuke Nakashima  
Yousuke Nakashima

Director

Plasma Research Center  
University of Tsukuba