



## Department of Energy

Office of Science  
Chicago Office  
9800 South Cass Avenue  
Argonne, Illinois 60439

SC-CH

August 8, 2012

Mr. Raymond Kimble  
Business Management Team Leader  
U.S. Department of Energy  
Princeton Site Office

SUBJECT: APPROVAL OF LOAN NUMBER P12-12, PRINCETON PLASMA PHYSICS  
LABORATORY (PPPL) LOAN OF DOE PROPERTY TO CONSORZIO RFX,  
PADOVA, ITALY

Enclosed is the signed loan form, U.S. Department of Energy Personal Property Loan Agreement, DOE F 4420.2, for PPPL Loan Control Number P12-12. The loan is approved until June 14, 2013. Also, enclosed for your records is a copy of the DOE Headquarters approval email for this loan. A copy of the signed DOE Headquarters approval memorandum will be provided at a later date. Please contact me if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Bonnie J. Anderson".

BONNIE J. ANDERSON  
Organizational Property Management Officer  
Office of Acquisition and Assistance

2 Enclosures  
As Stated



**U.S. Department of Energy  
Personal Property Loan Agreement**

OMB Burden Disclosure Statement

Public reporting burden for this collection of information is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Records Management Division, IM-11 6TN, Paperwork Reduction Project (1910-1000), U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, DC 20585; and to the Office of Management and Budget (OMB), Paperwork Reduction Project (1910-1000), Washington, DC 20503.

DOE-PARR 109-1.6104		1. CONTROL NUMBER <b>P12-12</b>		2. LOAN DATE <b>6/15/2012</b>		3. EXPIRATION DATE <b>6/14/2013</b>		4. PAGE 1 OF 1	
5. NAME-ADDRESS-TELEPHONE NO./FAX/EMAIL (LENDER) Princeton University, Plasma Physics Laboratory (PPPL) 100 Stellarator Road PO Box 451 Princeton, NJ 08543 Contact: Brent Stratton Phone: (609)243-3639 Email: stratton@pppl.gov					6. NAME-ADDRESS-TELEPHONE NO./FAX/EMAIL (BORROWER) CONSORZIO RFX Corso Stati Uniti 4 35127, Padova, Italy Contact: Matteo Agostini Phone: +39 0498295973 Email: matteo.agostini@igi.cnr.it				
7. PURPOSE OF LOAN AND LOCATION WHERE PROPERTY WILL BE USED To measure edge turbulence in RFX in Padova, Italy in order to understand transport in RFX.									
8. REFERENCE/CONTRACTUAL DOCUMENTATION/SHIPPING INFORMATION Agreement For Cooperation Between The European Atomic Energy Community Represented By The Commission Of The European Communities And The Department Of Energy Of The United States Of America In The Field Of Fusion Energy Research And Development (expires 5/13/2016)									
9. ITEM NO.	QUANTITY	PROPERTY NO.	SERIAL NO.	PERSONAL PROPERTY DESCRIPTION				APPROXIMATE COST	
1	1	P28651	9205	Vision Research, Phantom V710 Monochrome Camera and 8-48mm zoom Lense CG0812 (#28651*)				\$ 74,208.00	
2	1	\$14,199/4-05	None	Schott IG-163 Fiber Optic Bundle - 6ft (not tagged)				\$ 14,199.00	
3	1	\$119/1-88	C25044	Pantex 50mm lens focal length F1.4				\$ 119.00	
4	1	\$119/1-88	54200	Cine Kowa lens 25mm focal length 1:1.4/25				\$ 119.00	
5	8	\$304/1-09	None	Optical mounts; 2-90° brackets @\$59 ea. 2-ring clamps@\$65 ea., 4-post holders @\$14 ea.				\$ 304.00	
6	1	\$1000/1-01	None	2" diameter Hel filter and holder				\$ 1,000.00	
							Total Value	\$ 89,949.00	

(If additional space is necessary, attach a separate sheet)

**TERMS AND CONDITIONS OF LOAN**

- The borrower shall:
  - return the loan item(s) in like condition as received from Lender, normal wear and tear excepted, and free of contamination, on or before the expiration date, unless the loan period is formally extended or the loan is terminated before the due date;
  - in case of loss or damage of the property loaned, reimburse the Lender at the current price of replacement or repair;
  - assume all costs involved in preparation, handling, loading, disconnection, and transportation from and to the Lender;
  - agree to indemnify and hold harmless the Lender and the Department of Energy against any and all liability, loss, damages, claims and costs incidental hereto as a result of Borrower's use or possession of the loaned property; and
  - use the loan property only for the purposes specified in this loan agreement.
- The above property shall not be modified, loaned, or transferred to a third party without the written permission of the Lender.
- The Borrower shall account for, or permit inspection of, the loaned property by the Lender after proper notification.
- This is United States Government Property. Title to the property is vested in and will remain with the United States and the property shall be used only for official purposes. The Lender reserves the right to cancel the loan or to recall the loaned property upon 30 days notice.

Accepted By: Roberto Piovani Director 18/06/2012  
Borrowing Agency/Organization Approval Title Date  
 CONSORZIO RFX/Roberto Piovani

Approved By: Fran Cargill Head, Material Services Branch 6/19/12  
Signature of Authorized Lender Title Date  
 PPPL/Fran Cargill

Accepted By: Bonnie J. Anderson Organizational Property Management Officer, SC-CH 8/8/2012  
Department of Energy Official Title Date

PPPL Generated Form **BONNIE J. ANDERSON**

## Anderson, Bonnie

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**From:** Abbott, Helene <Helene.Abbott@hq.doe.gov>  
**Sent:** Monday, August 06, 2012 1:33 PM  
**To:** Ahlberg, Roberta; Anderson, Bonnie  
**Cc:** BALL, SARAH (HQ)  
**Subject:** Foreign Loans

**Importance:** High

Good Afternoon,

International Affairs has formally approved the loan to Japan as well as the loan to Italy. The approval memos will be in the mail to you shortly.

Helene