

IEA Large Tokamak Cooperation

REPORT FORM to Secretariat (Workshop)

(Form C)

Workshop Number: **W72**

**SUBJECT: Ninth Joint Workshop on IA for Cooperation on Tokamak Programmes “Implementation of the ITPA Coordinated Research Recommendations”**

**Date: 14 December 2010**

**Place: Château de Cadarache, France**

**Name(s) of attendees: (All names of attendees are listed in the attachment.)**

### **Brief description of the activities in the Workshop W72**

The Workshop was the ninth in the series and was held jointly by the IEA Implementing Agreement for Cooperation on Tokamak Programmes (CTP-IA) and the International Tokamak Physics Activity (ITPA). The ITPA has been operating under the ITER auspices since February 27, 2008. This time, the ITPA Coordinating Committee meeting, the Workshop and the CTP ExCo meeting were organized as consecutive meetings. The ITER Plasma Operation Directorate was well represented with the attendance of the Deputy Director General (DDG), the Assistant DDG and professional staff at the meetings. In the ITPA CC meeting, the chair of the ITPA CC had briefly reported the status of ITPA and ITPA activities, and research needs of ITER had been discussed. Thus, the scope of the Workshop was the planning of Joint Experiments. While recognizing that the ITPA is the most effective international body in place for generating coordinated experiment plans across a wide range of fusion research topics, the Workshop aimed to stimulate and facilitate increased multi-machine Joint Experiments amongst the various tokamak programmes.

The Workshop was attended by several representatives of the ITER IO and ~30 participants on site and 2 by televideo from Garching, including the Chair and additional members of the ITPA Coordinating Committee, the Chairs and additional members of the seven ITPA TG's, the Programme Leaders representing 15 major world tokamaks (JET, JT-60U, DIII-D, AUG, C-MOD, TCV, Tore Supra, FTU, TEXTOR, NSTX, MAST, EAST, HL-2A, KSTAR and SST-1) and ExCo members of the CTP-IA.

Specifically, the Workshop:

- reviewed the status of implementation of the ITPA/IEA coordinated experiments among the major world tokamaks;
- discussed new proposals made by the ITPA which would benefit from coordination of joint experiments among the major world tokamaks; and
- considered the implementation of these proposals on the major world tokamaks and through the CTP-IA.

An oral report from the last Workshop (M. Kwon) was followed by reports on the status of IEA/ITPA Joint Experiments in 2010 and plans for new Joint Experiments between the various tokamaks for 2011 from the ITPA Coordinating Committee Chair and the representatives of ITPA TGs. The Programme Leaders indicated their level of commitment to the new Joint Experiments.

### Attachment

Sybille	Guenter	EU	MPIPP
Duarte	Borba	EU	EFDA
Hendrik	Meyer	EU	CCFE
Howard	Wilson	EU	U York

televideo

Hartmut	Zohm	EU	MPIPP	televideo
Ruggero	Giannella	EU	EC	
Michael	Watkins	EU	JET	
Emmanuelle	Tsitrone	EU	CEA	
Ambrogio	Fasoli	EU	CRPP	
Ulrich	Samm	EU	IEK	
Bernard	Saoutic	EU	CEA	
Angelo	Tuccillo	EU	ENEA	
Yutaka	Kamada	JP	JAEA	
Shunsuke	Ide	JP	JAEA	
Masahiro	Mori	JP	JAEA	
Myeun	Kwon	KO	NFRI	
JG	Kwak	KO	NFRI	
Stanley	Kaye	US	PPPL	
Erol	Oktay	US	OFES	
Mickey	Wade	US	GA	
Edward	Strait	US	GA	
Richard	Hawryluk	US	PPPL	
Ron	Stambaugh	US	GA	
Bruce	Lipschultz	US	MIT	
Rejean	Boivin	US	GA	
Xuru	Duan	CN	SWIP	
Ge	Zhuang	CN	Huazhong University	
Baonian	Wan	CN	ASIPP	
Abhijit	Sen	IN	IPR	
Sergey	Konovalov	RF		
Nikolay	Ivanov	RF	Kurchatov Institute	
Gennday	Notkin	RF		
Alberto	Loarte		IO	
Michiya	Shimada		IO	
Valery	Chuyanov		IO	
David	Campbell		IO	
Joseph	Snipes		IO	
Richard	Pitts		IO	
M	Sugihara		IO	
Sergey	Putvinski		IO	
Wayne	Houlberg		IO	