Version : 01/11/2011 -

3rd 2011 ISM –Working session at EFDA-JET, Abingdon , United Kingdom
from Monday 07 November (10 am) up to Friday 11 November (14 pm)

Time is local time GMT

Monday 07-Nov		
10h-10h30	**Registration, Welcome, Local information, Internet connection** **Room K1- 0-38**	I. Voitsekhovitch
10h30-12h00	**Agenda and definition of working groups**	X. Litaudon I. Voitsekhovitch
13h00-17h00	**Working session**	
17h00-18h00	**Recent ITER Hybrid scenario modelling and low activation phase modelling** **Room K1- 0-36**	T Casper , S.H. Kim

Tuesday 08 Nov.

9h00-12h00	**Working session**	
13h30-18h00	**Joint TF E-ISM meeting to review the modelling requests and needs foreseen for each experiment related to scenario development*** **Room K1-0-85**	
	Goal and motivation for the meeting	E. Joffrin
	Ex-2.1.2 and Ex-2.1.4	C. Challis, P. Lomas
	Ex-2.1.3	D. Frigione
	Ex-2.1.5 and Ex-2.3.2	B. Bucalossi & F. Rimini
	Ex-2.1.7	J. Mailloux
	Ex-2.3.1	J. Hobirk
	Ex-2.2.1 and Ex-2.2.2	J. Coenen &R. Dux
	Ex-1.3.2 and Ex-2.2.3	G. Maddison and P. Monier-Garbet
	Ex-3.2.1	C. Maggi
	Ex-2.2.5	A. Huber
	Summary and link with edge modelling	E. Joffrin & M. Groth

*Each talk should not exceed 12' + 8' questions/discussion
Format of the talk:
- Experiments goals and deliverables
- Timeline details: number of sessions, dates,
- Strategy for the experiment (or tentative if not yet fully discussed)
- Modelling activity foreseen for the preparation of the experiment
- Modelling activity foreseen for the interpretation of the experiment and exploiting the expected experimental results
- Key questions (to be formulated in the talk as precisely as possible) that scenario (integrated) modelling need to address
- Key questions (to be formulated in the talk as precisely as possible) in connection with edge modelling if any.
- Modelling issues requiring code development

Wednesday 09 Nov

9h00-18h00	**Working session**	
17h00-18h00	**EPED-1 modelling for JET and ITER scenarios** **Room K1-0-38**	**Ph Snyder (remotely)**

Thursday 10 Nov

9h00-18h00	**Working session**	
9h-10h	**Report on JET and JT-60U modelling – (Join JET and JT-60U meeting)** **Room J20/0/84A**	**J. Garcia (remotely from Japan)**
	Report from real time control experiments from DIII-D	**D. Moreau**

Friday 11 Nov

9h00-14h00 K1-0-38	**Report from the week (remote participation available) –** Room K1-0-38	
	ACT1: benchmarking of NCLASS in ETS, ASTRA, CRONOS and JETTO	**V. Basiuk**
	ACT1: ETS/impurity benchmark for Be	**I. Ivanova-Stanik**
	Current ramp-down modelling	**J. Bizarro**
	JET-AUG hybrid simulations	**J. Citrin**
	Status of H-L transition modelling	**P. Belo**
	LHCD modelling for JET	**E. Barbato**
	Momentum transport	**I. Voitsekhovitch**
	Particle transport in JET and ITER HS	**L. Garzotti**
	Status of edge MHD stability studies during the pellet cycle	**J. Lonnroth**
	Status of real time control hybrid ITER	**D. Moreau, F. Liu**
	JT-60SA: **- NBI implementation** **- estimation of operational domain for scenario 2**	**M. Schneider** **X. Litaudon**

Working group

- ➢ **Act -1**
  - – **Finalise benchmark exercise on JET 77922 with NCLASS: V. Basiuk, J P. S. Bizarro, F. Koechl, I Voitsekhovitch**
  - – **ETS/impurity – SANCO benchmark for Be: I. Ivanova-Stanik, P. Belo**
- ➢ **Act-2**
  - – **Modelling of current ramp down for JET- validation of transport models: J. P. S. Bizarro, F. Koechl, I. Voitsekhovitch**
  - – **Modelling of H-L transition for JET plasmas: P. Belo, V. Parail (remotely), D. Harting**
  - – **JET / JT-60U modelling (J. Garcia, remotely)**
  - – **Momentum transport: I Voitsekhovitch, J. Ferreira (remotely)**
  - – **Real time control Tore Supra D. Moreau, F. Liu**
  - – **LHCD modelling for JET: E. Barbato, I. Voitsekhovitch**
  - – **Parametric dependencies of C impurity profile in JET plasmas: OH current ramp up I. Ivanova-Stanik, I. Voitsekhovitch, E. Joffrin**
- ➢ **Act-3**
  - – **Implementation of recent divertor configuration in EDGE2D for ITER HS modelling: D. Harting, P. Belo, T. Casper**
  - – **Integrated core-edge simulations – finalisation of the paper: F. Koechl, S. Wiesen**
  - – **Modelling of particle transport in HS for JET and ITER: L. Garzotti, F. Koechl, T. Casper**
  - – **Edge MHD stability studies: J. Lonnroth, L. Garzotti**
  - – **Real time control hybrid ITER D. Moreau, F. Liu**
  - – **JT-60SA modelling X. Litaudon, E. Barbato**
  - – **To be discussed with Jonathan: Extension of operational domain for ITER HS – operation below q0 = 1 by controlling the NTMs. Validation of CRONOS sawtooth triggers against JET plasmas?**
  - – **To be discussed: Tom Casper + All – discussion of ITER requests for modelling of low activation phase, setting up the working group and discussion/setup of simulations**
  - – **Exploitation of FREEBIE within CRONOS and coupling with a plasma controller: J. Urban, F. Koechl**

List of participants

CEA:
- Vincent Basiuk vincent.basiuk@cea.fr
- Jeronimo Garcia, jeronimo.garcia@cea.fr (remotely from Japan)
- Emmanuel Joffrin, emmanuel.joffrin@cea.fr
- Xavier Litaudon, Xavier.litaudon@cea.fr
- Feng Liu Feng.Liu@cea.fr
- Didier Moreau didier.moreau@cea.fr
- Mireille Schneider mireille.schneider@cea.fr (remotely)
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FOM
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- Paula Belo, paula@cfn.ist.utl.pt

TEKES
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ÖAW
- Florian Koechl, Florian.Koechl@ccfe.ac.uk

Association Euratom-IPPLM
- Irena Ivanova-Stanik,irena@ifpilm.waw.pl

ITER-IO
- Thom CASPER Thomas.Casper@iter.org

remote connection infomation

In case of technical problems with your teleconference, please contact the following help-desk numbers:
Mon-Fri 08:15 - 16:30 (UK-time):
  ++44 1235 464986 (PC Helpdesk)
Other times:
  ++44 1235 465324 (CST Computer Support Team [CODAS])

Cell phone of X. Litaudon 00 33 6 37 84 28 38 and I. Voitsekhovitch 00 44 7854 87 68 57 in case of problem during the meeting

**Room: K1/0/38
07/11/2011 10:00 - 14:00
09/11/2011 15:00 - 18:00
11/11/2011 09:00 - 13:00**

H.323 Connection Details
  E.164 No: 004910097918108
  URI No: 97918108@194.95.240.2

ISDN Connection Details
  ISDN No: ++49 30 254 1080
  Meeting PIN: 97918108#

JTV Presentation Details
  http://jtv.jet.efda.org:5818

EFDATV Presentation Details
  https://efdatv.efda.org/channel11/home
  Audience Password: audience
  Presenter Password: presenter

Room: K1/0/36
07/11/2011 15:00:00 - 07/11/2011 18:00:00

H.323 Connection Details
E.164 No: 004910097918511
URI No: 97918511@194.95.240.2

ISDN Connection Details
ISDN No: ++49 30 254 1080
Meeting PIN: 97918511#

JTV Details

http://jtv.jet.efda.org:5834

EFDATV Presentation Details
https://efdatv.efda.org/channel10/home
Audience Password: audience
Presenter Password: presenter

Room: K1/0/85
08/11/2011 13:30 - 18:00

H.323 Connection Details
  E.164 No: 004910097918105
  URI No: 97918105@194.95.240.2

ISDN Connection Details
  ISDN No: ++49 30 254 1080
  Meeting PIN: 97918105#

JTV Presentation Details
  http://jtv.jet.efda.org:5819

EFDATV Presentation Details
  https://efdatv.efda.org/channel12/home
  Audience Password: audience
  Presenter Password: presenter

Room: J20/0/84A
Start:10/11/2011 09:00:00
End:10/11/2011 10:30:00

H.323 Connection Details
  E.164 No: 004910097920106
  URI No: 97920106@194.95.240.2

ISDN Connection Details
  ISDN No: ++49 30 254 1080
  Meeting PIN: 97920106#