Version : 16/05/2012

Second ISM working session :
From Monday 21 May (9:00-CET) up to Friday 25 May (13:00-CET)

Place :
Austrian Academy of Sciences
Österreichische Akademie der Wissenschaften
Dr. Ignaz Seipel-Platz 2
1010 Wien, Austria

LOC : F. Koechl
EURATOM Association of the Austrian Academy of Sciences (ÖAW)
Vienna University of Technology (TU Wien)

Web site of ISM working session:
http://web.student.tuwien.ac.at/~e0125572/ISM_Vienna_2012/

Contacts :
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Xavier Litaudon : Tel (mobile) 00 33 6 37 84 28 38

Monday 21-May Room : Museumszimmer at Academy building (remote participation available in the morning)		
09h-10h00	**Welcome, Local information, Internet connection**	**F. Koechl**
10h00-10h30	**Agenda and actions for the working sessions: Preparation of IAEA and EPS ISM papers**	**X. Litaudon I. Voitsekhovitch**
10h30-11h15	**Modelling of JET and ASDEX-U discharges with GLF23 and TGLF**	**I. Voitsekhovitch**
11h15-12h00	**Update on ITER current ramp-up (submitted publication)**	**D. Hogeweij**
12h00-12h30	**Application of the parameterized EPED model to time-dependent transport simulations**	**Sunhee Kim**
12h30-18h00	**Working session**	

Tuesday 22-May Rooms : Museumszimmer at Academy building and Seminarraum at Hotel Post*		
09h-18h	**Working session**	

*The Hotel Post is located quite close to the Academy building and can be reached from there within a few minutes. The two places can be viewed on a map via the link http://g.co/maps/qgkx2 . Wifi connection is available both in the Academy building and in Hotel Post

Wednesday 23-May Rooms : Museumszimmer at Academy building and Seminarraum at Hotel Post*		
09h-18h	**Working session**	

Wednesday : ISM group dinner at a Viennese restaurant called Gasthaus Pfudl (http://www.gasthauspfudl.com/),close to the academy

Thursday 24-May Room : Dachpavillon at Academy building and Seminarraum at Hotel Post*		
09h-18h	**Working session**	

*The Hotel Post is located quite close to the Academy building and can be reached from there within a few minutes. The two places can be viewed on a map via the link http://g.co/maps/qgkx2 . Wifi connection is available both in the Academy building and in Hotel Post

Friday 25-May Room: Museumszimmer at Academy building		
9h00-13h00	**Report from the week (remote participation available) –**	
	Benchmarking of new modules coupled with ETS workflows	**V. Basiuk**
	Current diffusion in hybrid discharges: JET, ASDEX-U	**J. Garcia**
	Modelling of JET/Asdex-U Hybrid with GLF23 and TGLF (EPS)	**I. Voitsekhovitch**
	Simulations of density profiles in JET hybrid discharges JET and ITER hybrid (EPS)	**L. Garzotti**
	Modelling of ELM mitigations at JET (25th Conference on Plasma Physics and Technology, Prague, Czech Republic)	**F. Koechl**
	Integrated core-edge modelling for JET Hybrid scenario (to be confirmed)	**P. Belo, F. Koechl, I Voitsekhovitch**
	ITER hybrid scenario modelling with EPED constrains	**J. Citrin**
	Free-boundary equilibrium transport simulations of ITER hybrid scenarios under control (EPS)	**J. Urban**
	METIS ITER hybrid scenario	**X. Litaudon**
	Real time control hybrid ITER (EPS)	**F. Liu**
	JT-60U and JT-60SA modelling (EPS)	**J. Garcia/T. Bolzonella**

Activities for the ISM working session

Benchmarking of new modules coupled with ETS workflows (NCLASS, GLF23, Bohm/gyroBohm model for particle transport, ECCD and NBI heating) V. Basiuk

Current diffusion in hybrid discharges: JET, ASDEX-U J. Garcia

Modelling of momentum transport in JET and ASDEX-U hybrid scenarios using the GLF23 and empirical models I. Voitsekhovitch

Current diffusion and transport modeling for ITER hybrid current ramp down D. Hogeweij,

Predictive density modeling with first principle models for JET and ITER hybrid scenario , density peaking effect. L. Garzotti, F. Koechl

Modelling of ELM mitigations at JET F. Koechl

Core-edge modelling of JET hybrid scenarios (to be confirmed) P. Belo, F. Koechl, I Voitsekhovitch

Modelling of ITER hybrid scenario with METIS : study effect of density peaking X. Litaudon, F. Liu, J. Garcia

ITER hybrid run using the new EPED constrain and GLF23 (as in J. Citrin, et al, Nucl Fusion 50 (2010) 115007) and including density and rotation modeling with the new constrains found by Irina on the rotation to model the JET hybrid scenario J. Citrin, F. Koechl, L. Garzotti, D. Hogeweij

Free-boundary equilibrium transport simulations of ITER hybrid scenarios under control J. Urban

Development of the ITER real time model-based profile control D. Moreau, F. Liu

Comparison and modelling of JT-60U and JET plasmas in typical operational domains (signed Proposal Document Sheet EU11-02). J. Garcia,

1-D JT-60SA scenario modelling: implementation of the JT-60SA H&CD configuration (NBI, ECRH) in EU transport codes. T. Bolzonella,

List of participants

CEA:

- Vincent Basiuk vincent.basiuk@cea.fr
- Benedetta Baiocchi, Benedetta.BAIOCCHI@cea.fr
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FOM

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- Dick Hogeweij, G.M.D.Hogeweij@differ.nl

ÖAW

- Florian Koechl, Florian.Koechl@ccfe.ac.uk, Fkoechl@ati.ac.at

remote connection infomation
Monday Morning

Tel: 0043 1 51581 1905
EFDA-TV
EFDATV / Channel 2 / 21May2012: Second ISM Working Session

Presenter Password: ISMP
Audience Password: ISMA

Setup page : https://efdatv.efda.org/channel2/setup/21May2012
Upload page : https://efdatv.efda.org/channel2/upload/21May2012

Download page : https://efdatv.efda.org/channel2/download/21May2012

and Friday Morning

Tel: 0043 1 51581 1905
EFDA-TV
EFDATV / Channel 2 / 25May2012: Second ISM Working Session

Presentation was booked with userid 'efdatv' for Voitsekhoitch

Presenter Password: ISMP
Audience Password: ISMA

Setup page : https://efdatv.efda.org/channel2/setup/25May2012
Upload page : https://efdatv.efda.org/channel2/upload/25May2012

Download page : https://efdatv.efda.org/channel2/download/25May2012

Whole week

Museumszimmer will always be accessible remotely via the number: 0043 1 51581 1905

In the Dachpavillon room, will always be accessible remotely via the number: 0043 1 51581 1912

Wireless connection

The Wifi connection details for the academy building are as follows:

UserID: event24695
Passwort: veSoh4Jo
WLAN-SSID: oeaw-guest