

ISM working session March 11-15 2013



EFDA

EUROPEAN FUSION DEVELOPMENT AGREEMENT

Task Force

INTEGRATED TOKAMAK MODELLING

**INTEGRATED SCENARIO MODELLING
ISM Working Session, March 11-15 2013:
closing**

I. VOITSEKHOVITCH and J. GARCIA

TF Leader : G. Falchetto
Deputies: R. Coelho, D. Coster
EFDA CSU Contact Person: D. Kalupin

Agenda

Friday 15 March EFDA building, meeting room ITER A #54 (ground floor)		
9.00-13.00	Reports from the week	
	ACT1: Status of NTM module in ETS	S. Nowak, V. Basiuk, Ph. Huynh
	ACT1: Status of ETS_C workflow	V. Basiuk, P. Huynh
	ACT1: Predictive modelling of JET HS with ETS and comparison to experimental data	A. Figueiredo, J. Ferreira, D. Kalupin, B. Scott
	ACT1: Impurity simulations for JET discharges (part I)	Yu. Baranov, I. Ivanova-Stanik, J. Ferreira, D. Kalupin, R. Stankiewicz
	ACT1: Impurity simulations for JET hybrid discharge with ETS (part II)	I. Ivanova-Stanik, Yu. Baranov, J. Ferreira, D. Kalupin, R. Stankiewicz
	ACT1: Status of MHD stability analysis with ITM tools	F. Nabais, R. Coehlo
	Coffee break: 10.30-10.50	

Agenda

Friday 15 March EFDA building, Meeting room ITER A #54 (ground floor)	
ACT2: Turbulent transport analysis with TGLF, QualiKiz, GLF23 for JET hybrids	B. Baiocchi, J. Garcia
ACT2: Role of fast ions on JET hybrid scenario	J. Garcia, B. Baiocchi
Act 3: ITER H-mode scenario with GLF23: impact of electromagnetic effects on fusion performance, effect of radiation	F. Köchl, I. Voitsekhovitch
ACT3: Coupled JETTO-COREDIV simulations for ITER H-mode scenario	I. Ivanova-Stanik, F. Köchl, R. Stankiewicz, I. Voitsekhovitch
ACT3: Status of four field (Te, Ti, ni, Vtor) ITER modelling with ASTRA	I. Voitsekhovitch, A. Polevoi, E. Fable
ACT3: Update on 1D JT-60SA scenario modelling	E. Barbato, E. Fable
Closing Working session	I. Voitsekhovitch, J. Garcia

ISM working sessions

- **1st ISM working session will take place 11-15 March at EFDA-Garching (joint with ITM CC)**
- **2nd working session: 3-7 June, Cadarache, joint ISM - IO meeting on integrated modelling.**
- **3rd working session: end of October/November, place to be decided**

ITM Code Camps

- **March 4 – 15, IPP-Garching (2nd week is joint with ISM WS)**
- **April 15 – 26, CIEMAT, Madrid**
- **July 8 – 19 (after EPS), Helsinki**
- **September 9 – 20, Ljubljana**
- **Dates and place for the 5th CC is under discussion**

ISM remote meetings in 2013

**Regular remote meeting on Wednesday morning
10h30-12h00 CET (09h30-11h00 GMT)**

- **10 April (IOS ITPA rehearsals:**
 - J. Garcia et al on fast ion effects in HS***
 - D. Hogeweij et al on current rampup/down***
 - I. Voitsekhovitch et al, overview on modelling of particle transport***

- **24 April (7th IEEE TM rehearsal, ...)**
- **22 May**
- **26 June (EPS rehearsals, ...)**
- **then EPS, Code Camp , vacations ...**
- **18 September**