



EFDA

EUROPEAN FUSION DEVELOPMENT AGREEMENT

Task Force  
INTEGRATED TOKAMAK MODELLING

*Remote meeting, 16 February 2011*

# **INTEGRATED SCENARIO MODELLING, Introduction meeting 16 February 2011**

**Presented by X LITAUDON & I  
VOITSEKHOVITCH**

TF Leader : G. Falchetto  
Deputies: R. Coelho, D. Coster

EFDA CSU Contact Person: D. Kalupin



- **Introduction**
- **P. Belo, I. Ivanova-Stanik « benchmark the ETS/impurity code against SANCO**
- **D. Harting “Overview of EMC3-EIRENE code**
- **J. Garcia Update on the ITER hybrid scenario modelling**

## Remote meeting

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

- **Wed 09 Feb 10h30-12h00 CET**
- **Tuesday 15th, 9:00-10:30 CET (17:00-18:30 Naka time): Status of JT60SA modelling and possible EU contributions**
- **Wed 16 Feb 10h30-12h00 CET**
  - P. Belo, I. Ivanova-Stanik « benchmark the ETS/impurity code against SANCO »
  - D. Harting “Overview of EMC3-EIRENE code”
  - J. Garcia Update on the ITER hybrid scenario modelling
- **Wed 02 March 10h30-12h00 CET**
  - Preparation Working session
- **Wed 23 March**
  - Wrap-up ISM working sessions
- **Wed 6 April**
  - IOS/ITPA rehearsals and discussion of the benchmarking of GLF23 for rotation +  
....
- **Wed 20 April**
  - overview of IOS meeting in Culham +....
- **Wed 11 May**
- **Wed 8 June**
  - EPS rehearsals + ?
- **Wed 22 June**
  - preparation of ISM WS July 4-8

## **ISM Working session & related meeting [1/2]**

- **First ISM working session 07 March 13h - 11 March 18h , at Cadarache, possibility to stay 14-18 March**
  - Joint session with IMP#3 "WP11-ITM-ISM-ACT1 Support Validation of the ETS “ + ACT 2 & ACT3
  - CCFE: I. Voitsekhovitch, V. Parail, Luca Garzotti,
  - TEKES: J Lonroth
  - IPP: J Hobirk, E Fable
  - FOM: J Citrin, D Hogeweij
  - FZJ: D. Harting, S Wiesen
  - RFX: M. Baruzzo
  - ENEA: E. Barbato
  - IST: J. Ferreira, J. Bizarro
  - OAW: F. Koechl
  - VR: S. Moradi
  - CEA : X. Litaudon, V. Basiuk, G. Giruzzi, M. SCHNEIDER, J. GARCIA, J. ARTAUD , J. JOHNER , F. IMBEAUX, E. NARDON, B. PEGOURIE , F. LIU, D. MOREAU, C. GUILLEMAUT
  
- **LOC : V. Basiuk & V. Icard**

## **ISM Working session & related meeting [2/2]**

- **ITPA-IOS : JET culham 11-15 April**
- **Second ISM 04-08 July FOM**
- **ITM general meeting 12-16 sept**
- **Third ISM Nov- Dec. Culham ? TbC**

## 2011 -Participation to conferences, Workshop , ITPA

- **EPS: Strasbourg du 27 june to 1 july 2011 : <http://www-fusion-magnetique.cea.fr/eps2011/index.html>**
  - EPS Deadline abstract: 28 feb. Internal JET deadline: 11 feb.
  - **ISM : send your proposal 14 feb**
  - **Invited talk: integrated modelling G. Giruzzi**
  - **Determination of the requirements for the sustainment of hybrid scenarios on JET : J. Garcia et al**
  - **JET / ASDEX hybrid transport modelling: J. Citrin**
  - **ITER Hybrid current ramp up: D. Hogewei**
  - **JET ramp-down modelling ?**
- **EFTC & APS**
  - **Core/Edge ITER modelling (baseline) S. Wiesen**
- **ITPA – IOS April**
  - **DIII-D modelling Irina Voitsekhovitch**
  - **J. Garcia tbc**