

Agenda of the joint meeting of the SEWGs “Material Migration” and “ITER Material Mix”

Dates: May, 19-20, 2011

Venue: Helsinki, Aalto University, School of Engineering building, Otakaari 4, room K324b (3rd floor)

Time	Thursday (19.5)	Friday (20.5)
9:00-11:00		Global material migration K. Schmid (20’) A. Hakkola (20’) R. Dejarnac (20’)
11:00-11:30		Coffee
11:30-13:30		Local migration and mixed material formation D. Borodin (10’) S. Brezinsek (10’) K. Bystrov (10’) F. Tabares (10’) C. Lungu (10’) A. Kreter (10’)
14:00-16:00	Welcome	Adjourn

	General Session K. Krieger and S. Brezinsek (60') T. Schwarz-Selinger (10') A. Litnovsky (10')	
15:30-16:00	Coffee	
16:00-18:00	Fundamentals of mixed materials M. Oberkofler (20') C. Linsmeier (20') U. von Toussaint (20') Y. Ferro (20')	

The duration of presentations is approximate. Informal discussions and brainstorming will take place in the end of each session.

Contributions:

Authors	Task	Title
K. Krieger and S. Brezinsek		The EFDA work programme 2012
<u>T. Schwarz-Selinger</u>		Report on ITPA priorities: ITER material mix
<u>A. Litnovsky</u>		Report on ITPA priorities: material migration
<u>M. Oberkofler, C. Linsmeier</u>	WP11-PWI-05-02-02/IPP/PS	Elastic recoil detection analysis of D-implanted Be and BeO

<u>Ch. Linsmeier</u> , M. Köppen	WP11-PWI-05-01-02/IPP/PS	Interaction of energetic oxygen ions with beryllium tungsten alloy
<u>U. von Toussaint</u> ; P.N. Maya	WP11-PWI-05-03-01/IPP/PS	MD simulation of mixed material erosion
<u>Y. Ferro</u> , A. Allouche	WP11-PWI-05-03-01/CEA/BS	Interaction of Be with graphite, formation of Be ₂ C
<u>K. Schmid</u> , M. Reinelt	WP11-PWI-05-03-02/IPP/PS	Predicting time evolution of hydrogen co-deposition in ITER based on self-consistent global impurity transport modeling
<u>A. Hakola</u> , M. Airila	WP11-PWI-03-0102/TEKES/PS	Main wall erosion and local re-deposition in AUG / Studying global migration of ¹³ C in AUG and erosion in the outer
<u>M. Mayer</u>	WP11-PWI-03-02-02/IPP/PS	Characterisation of outer and inner divertor erosion as well as the migration of impurities from main chamber to divertor and inside the divertor
<u>R. Dejarnac</u> , M. Komm	WP11-PWI-03-03-01/IPPCR/PS	Plasma deposition into gaps between tiles experiment for benchmarking PIC simulations
A. Kirschner, <u>D. Borodin</u>	WP11-PWI-03-01-01/FZJ/PS	Marker injection experiments in the TEXTOR tokamak and ERO modelling
<u>S. Brezinsek</u> , M. Rubel	WP11-PWI-05-01-03/VR/PS	Nitrogen-15 injection into TEXTOR
<u>Ch. Lungu</u> et al.	WP11-PWI-05-01-02/MEdC/PS	Characterization of Be containing layers for D retention prepared using TVA method
A. Kreter	WP11-PWI-05-02-03/FZJ/PS	Influence of Impurities on Deuterium and Helium Retention in Carbon Materials
F.L. Tabares et al.	-	Be nitriding at Pisces-B