

Workshop on
Dust in ITER- Technology Issues

14-15 December, 2007

*Acropolis Congress Centre, Nice, France
Gallieni 3A*

Draft Agenda

14 December 2007, Friday

09.30 Welcome and arrangements C. Grisolia

Overview

09.45 ITER Dust Issues and Strategies N. Taylor

Production Mechanisms

10.45 Arc erosion V. Rohde

11.15 ELMs/disruption (abstract should be reoriented) L. Khimchenko

11.45 Flaking of redeposited and conditioning films J. Winter

12.15 Open discussion

{Lunch 12.30 - 14.00}

Analyses

14.00 Properties of the films L. Begrambekov

14.30 Tritium outgassing N. Bekris

15.00 Dust in fusion devices M. Rubel

15.30 Link between SSA and reactivity P. Sharpe

{Break 16.00 - 16.15}

Explosion and Mitigation

16.15 Specificities of nanoparticles C. Proust

16.45 Phenomena involved and experiments R. Redlinger

17.15 Open discussion

18.00 Adjourn

15 December 2007, Saturday

Measurements and Diagnostics

09.00	Dust Measurements in Plasmas	O.F. Petrov
09.30	Electrostatic grids and Capacitive Diaphragm microbalance	C. Skinner
10.00	Scattering	V. Tsytovich
10.30	Extinction measurements	J. Worms

{Break 11.00-11.15}

11.15	Particle detection and measurements	J. Vendel
11.45	Erosion measurements and particle balance	C. Grisolia
12.15	In-vessel viewing system	C. Neri
12.45	Open discussion	

{Lunch 13.00 - 14.30}

Collection

14.30	Forces acting on dusts (Van der Waals, electrostatic, impact of radioactivity, etc. as input for collection studies)	S. Hong
15.00	Mobilization studies	P. Sharpe
15.30	Removal from castellations	A. Vatry
16.00	Characterizations of aerosols	A. Semerok

{Break 16.30-16.45}

16.45	Use of fluids	S. Rosanvallon
17.15	Dust collection with AIA	C. Hernandez
17.45	Discussion and summary	
18.15	Adjourn	