

RE-induced PFC damage satellite meeting

9.00 -9.10	Intro	
Part I: A survey of accidental or controlled RE-induced PFC damage evidence		
9.10-9.40	JET: damage of Be and W-coated CFC tiles	I. Jeppu, UKAEA, UK
9.40-10.10	WEST: damage of BN and W tiles	C. Reux, CEA, France
10.10-10.40	FTU: damage of TZM limiters	M. De Angeli, CNR, Italy
10.40-11.10	DIII-D: controlled damage of a graphite sample	E. Hollmann, UCSD, USA
11.10-11.35	Coffee break	
11.35-12.05	EAST: damage of W limiters	L. Zeng, Tsinghua University, China
12.05-12.25	Session discussion	
12.25-12.30	'Stretch' break	
Part II: The modelling of REs and their incidence on PFCs (wall footprints & impact velocity distributions)		
12.30-13.00	KORC modelling of wall heating by subcritical energetic electrons generated by the RE avalanche source	D. del-Castillo-Negrete, ORNL, USA
13.00-13.30	Assessing the runaway electron load distribution in realistic 3D geometries using JOREK	H. Bergström, IPP, Germany
13.30-15.10	Lunch break	
15.10-15.40	Calculation of the runaway electron distribution function in reactor-scale tokamaks using DREAM	M. Hoppe, KTH, Sweden
15.40-16.00	Session discussion	
16.00-16.05	'Stretch' break	
Part III: The modelling of PFC damage due to volumetric heating by REs.		
16.05-16.35	Simulations of RE-induced heat loads in a superconducting TF coil using GEANT4	C. Reux, CEA, France
16.35-17.05	Modelling of brittle material damage: DIII-D experiment	T. Rizzi, KTH, Sweden
17.05-17.35	Modelling of W and Be damage: status and challenges	S. Ratynskaia, KTH, Sweden
17.35-18.00	Coffee break	
18.00-18.30	A brief introduction to ITER W FW design for both the SRO and D-T phase: risk of damage by REs?	L. Chen, ITER, France
18.30-19.00	Session discussion and meeting closing remarks	