

Agenda: Topical Meeting on High Temperature Erosion of Graphite in Plasmas

held July 25-26, Princeton Plasma Physics Laboratory
Organizers: Richard Nygren, SNL (505-844-4241)
Alan Ramsey, PPPL (609-243-2671)

Tuesday July 25 - Afternoon

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1:00 pm *Introductory Remarks* by Dr. K. Wilson and Dr. R. Nygren, SNL

Carbon Blooms in Tokamaks - moderator: Dr. M. Ulrickson, TFTR

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| A. Carbon Influxes in TFTR | Dr. A. Ramsey, TFTR | 1:15 | A-1 |
| B. Carbon Influxes in JET | Dr. D. Pasini, JET | 1:45 | B-1 |
| C. Carbon "Blooms" | Dr. S. Pitcher, Culham | 2:15 | C-1 |

Discussion - objective is to understand specific observations and opportunities for experiments (including TEXTOR and D-III).

Coffee

Erosion/Impurity Modeling - moderator: Dr. Robert Langely, ORNL

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| D. REDEP Model | Dr. J. Brooks, ANL | 4:00 | D-1 |
| E. Comments on Carbon Erosion | Dr. A. Hassanein, ANL | 4:30 | E-1 |

Discussion - objective is to identify areas where application of existing data is incomplete or problematic. 4:50

Wednesday July 26 - Morning

RES Experiments & Models - moderator: Dr. Y. Hirooka, UCLA

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| F. Data from Europe | Dr. R. Nygren, SNL | 8:30 | F-1 |
| G. Data from UCLA (PISCES) | Dr. Y. Hirooka, UCLA | 9:00 | G-1 |
| | Dr. R. Nygren, SNL | | H-1 |
| H. RES Flux Dependence | Prof. A. Haasz, U. Toronto | 9:40 | I-1 |

Coffee 10:00

Discussion -- objective is to identify areas where understanding is incomplete and data or analyses are necessary. 10:10

Lunch/Adjourn 12:00

Discussion may continue in the subsequent TFTR D-T Materials Physics Group Meeting

The meeting is sponsored by the US Plasma Materials Interactions and High Heat Flux Task Groups and by the D-T Materials Physics Collaboration. The meeting is hosted jointly by the Princeton Plasma Physics Laboratory and Sandia National Laboratory. A written summary together with copies of viewgraphs and written materials provided by participants will be prepared and distributed.