

Program Update

(Abstracts of the papers marked * are included in this supplement.)

Poster Session-1

- *P1-A001 Muzul, I., Guiniatouline, R., Melder, R., Pokrovsky, A., Sandakov, V.; Post Irradiation Examination of Be-Cu Divertor Mockup After In-Pile Thermocycling Experiment with Active Cooling
- *P1-A002 Ivanov, L.I., Maslyayev, S.A., Pimenov, V.N., Dynomina, E.V.; The Prospects of Porous Materials Cooled by Liquid Metal Coolant for applying to Energy Loaded Components of Thermonuclear Fusion Devices
- *P1-A025 Chernikov, V.N., Zakharov, A.P., Ullmaier, H.; Gas Bubbles in Beryllium Implanted with He Ions at Temperatures < 700 K and after Post-Implantation Annealing
- *P1-A026 Khripunov, B.I., Petrov, V.B., Antonov, N.V., Shapkin, V.V., Pleshakov, A.S.; Erosion of Carbon-based Materials in Steady-state Deuterium Plasma
- *P1-A076 Yakushin, V.L., Kalin, B.A., Shulga, A.V., Fedotov, V.T., Guerassin, K.A., Lednicov, S.V., Plyushev, A.N.; Investigation of Fusion Reactor Candidate Materials Erosion in Plasma Disruption Simulation Experiments
- *P1-C137 Vorobjev, A.N., Budylnin, N.I., Mironova, E.G., Porollo, S.I., Konobeev, Yu.V., Garner, F.A.; Irradiation Creep and Stress-Enhanced Swelling of Fe-16Cr-15Ni-Nb Austenitic Stainless Steel in BN-350
- *P1-D167 Wang, L.H., Kai, J.J., Fong, C., Tsai, C.H.; Comparison of SCC Susceptibility on Thermal Sensitized and Irradiated AISI 304 and 304L Stainless Steels with ECN Techniques
- *P1-D168 Zaykin, Y.A., Chesnokov, B.P.; Application of Radiation Methods in Fusion Materials Powder Metallurgy
- *P1-D172 Tu, D.H., Kai, J.J., Chen, F.R., Wang, L.H.; Effects of Grain Boundary Mis-Orientation to the Solute Segregation in Austenitic Stainless Steels

Oral Session 2-b

OC 2-B2: (See abstract on this sheet)

Poster Session-2

- *P2-A009 Kolotov, V.P., Aleninam M.V., Ivanov, L.I.; Scientometric Measures of Information Flux in the Field of Development of Low Activation Structural Materials for Fusion Technology
- *P2-C099 Birzhevov, G.A., Zakharova, M.I., Arsenov, N.A., Tarasikov, V.P., Alekseev, A.S.; Influence of Neutron Irradiation on Thermophysical and Elastic Properties and Swelling of V-4Ti-4Cr and V-8Ti-5Cr Alloys
- *P2-C132 Dyomina, E.V., Fenici, P., Kolotov, V.P., Zucchetti, M.; Low-activation Characteristics of V-alloys and SiC composites
- *P1-A015 Litunovsky, V.N., Kuznetsov, V.E., Ovchinnikov, I.B., Titov, V.A., Linke, J.; Study of Material Damage under Simulated Plasma Disruption Load
- *P2-C063 Belianov, I., Marmy, P.; The Effect of Low Dose Irradiation on the Impact Fracture Energy of Pure Iron and two Ferritic-Martensitic Steels
- P2-D146 Sato, F., Iida, T., Oyama, Y., Maekawa, F., Ikeda, Y.; Photon Emission Induced by Fusion Neutron on Optical Window Materials

Poster Session-3

- *P3-C131 Chernikov, V.N., Trinkaus, H., Ullmaier, H.; Helium Bubble Evolution in Nickel during Annealing at $T < 0.7 T_m$
- *P3-C132 Pisarev, A.A., Tsyplakov, V.N., Varava, A.V., Borisyuk, Y.V.; Effect of HD Formation During Desorption of Deuterium From Solids
- *P3-C133 Kurnaev, V.A., Levchuk, D.V., Evano, A.A., Pisarev, A.A., Porfiriev, S.I.; Trapping and Retention of Deuterium in Nb and V During Low Energy Ion bombardment
- *P3-C107 (See abstract in this supplement)