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Project Review
Multi-Scale Plasma Particle Simulation toward the Development of Interplanetary Flight System

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Titanium particles were injected into a magnetic island O-point via TESPEL. The cross-section including the TESPEL injection line and that with AXUV arrays are shown in (a) and (b). The 2-D radiation images reconstructed from the AXUV data are shown for the cases at (c) t = 1 ms and (d) t = 8 ms after the TESPEL injection. The result shows that the impurity in the magnetic island O-point remains relatively long. (Shigeru SUĐO et al., Plasma and Fusion Research Vol9, 1402039 (2014) http://www.jspfor.jp/PFR/)

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