

DEUTSCHES ELEKTRONEN-SYNCHROTRON
Ein Forschungszentrum der Helmholtz-Gemeinschaft



DESY 15-140
arXiv:1508.02632
August 2015

**Novel Opportunities for
Sub-meV Inelastic X-Ray Scattering at
High-Repetition Rate Self-Seeded
X-Ray Free-Electron Lasers**

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ISSN 0418-9833

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