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Type: **invited talk**

Review on Betatron/Compton sources

Friday, 18 September 2015 08:30 (40 minutes)

Compact and femtosecond X-ray source is one of the most exciting prospects for laser wakefield accelerator. The presentation will review betatron radiation and Compton scattering LWFA-based sources with a description of the experimental conditions. The results achieved so far in terms of photon flux and spectrum will be reviewed and prospects of betatron and Compton X-ray sources will be given.

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Session Classification: Plenary 10