

GFA & SwissFEL Accelerator Seminar

Laser Acceleration on a Chip

Tuesday, 22 September 2015, 14.30 h, WBGB/019

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Dielectric laser accelerators are potential candidates to succeed conventional RF accelerators because they can support high accelerating field and use commercial lasers as a power source. The recent results achieved in proof-of-concept experiments will be detailed. The next steps envisaged to demonstrate the viability of dielectric laser acceleration for various applications will be outlined, and possibilities for international collaboration in this area discussed.

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