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High intensity plasmonics

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ABSTRACT
The combination of different technologies opens always new gates. One of such possibilities seems to be the exploitation of nanotechnologies in general and nanoplasmonics in particular to laser inertial fusion. This presentation describes some unique properties of propagating and localized surface plasmons, including those, excited by high laser fields, and presents some of their positive influence on nuclear processes, including fusion of light nuclei. Illustrative examples of the preliminary experimental results are also described.

Is this abstract from experiment?

Yes

Name of experiment and experimental site

NAPLIFE

Is the speaker for that presentation defined?

Yes

Details

Norbert Kroo

Internet talk

Yes

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Session Classification: Workshop on Laser Fusion, a spin-off from heavy-ion collisions