



Contribution ID: 230

Type: **invited talk**

## **Laser interaction with nearly overdense gas targets for ion acceleration**

*Wednesday, 16 September 2015 09:10 (40 minutes)*

Operation at near critical plasma density can provide efficient ion acceleration with narrow energy spread. The presentation will describe the mechanisms involved in this acceleration process and review the experiments operating so far in this regime. Perspective of near-critical regime will be also given.

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**Session Classification:** Plenary 5