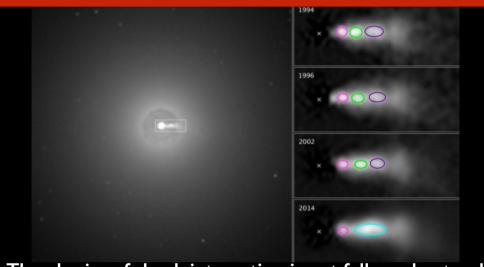
How do collisionless shocks interact? Can lab studies help us to understand?

TÉCNICO LISBOA

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KU LEUVEN

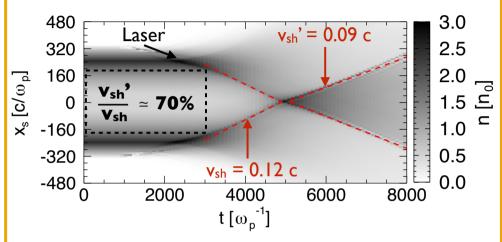
Shock collision has been observed*



The physics of shock interaction is not fully understood

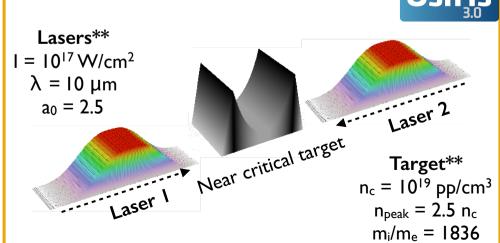
Shock collision is inelastic





Can we launch shocks in the lab?

2D PIC simulation setup



Strong transverse magnetic field is generated

