Low Z powder-assisted divertor dissipation
- Enables use of alternative impurity species: B, Li, Be, Si, BN, ...
- Near-target neutral pressure increased by a factor up to 3, rapid reduction of the divertor Te and $q_\parallel$ for lithium and boron, respectively;
- Boron nitride reduces ELM activity

Core-edge capability
- Low Z powders create dissipative divertor & detachment while plasma energy confinement is maintained

Camera data and modeling
- Species-dependent dissipation in near SOL (Li) and attached to targets (B)

-> Synergistic use of low Z powders promising to optimize divertor dissipation and PMI
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