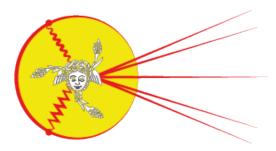
**Diffraction 2016** 



Contribution ID: 133

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## **Correlations in forward diffractive Abelian and non-Abelian radiation**

Tuesday, 6 September 2016 17:15 (25 minutes)

I present a brief overview of recent advances in single diffractive Drell-Yan, heavy flavour and Higgs boson production at forward rapidities in the dipole picture. Physical reasons for diffractive factorisation breaking in single diffractive production are discussed in detail. Angular correlation in forward diffractive heavy flavor and Drell-Yan production processes is considered as a natural probe for saturation phenomena.

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Session Classification: Diffraction in hadron-hadron collisions - phenomenology/theory (I)

Track Classification: Diffraction in hadron-hadron collisions (phenomenology/theory)