

XQCD 2019 (The 17th International Conference on QCD in Extreme Conditions)



Contribution ID: 16

Type: **Invited talk**

Lattice with external fields and rotation

Wednesday, 26 June 2019 09:00 (45 minutes)

Extreme environments, such as strong electromagnetic force and fast rotation, induce interesting quantum phenomena. They are relevant both for high energy experiments and for condensed matter experiments. From a theoretical point of view, we need reliable computational frameworks to investigate them. I would like to review such endeavors in lattice gauge theory.

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Session Classification: Session 9