

Abstract Submitted  
for the APR13 Meeting of  
The American Physical Society

**Magnetic field in heavy-ion collisions**<sup>1</sup> VLADIMIR SKOKOV,  
Brookhaven National Laboratory — The key ingredient for predictions of the Chiral Magnetic Effect is a high magnetic field. I will discuss the properties of a magnetic field in heavy-ion collisions, especially, its lifetime and influence of finite electric and chiral conductivities. I will present numerical results for realistic values of the parameters. I will shortly discuss how the magnetic field manifests itself in photon production.

<sup>1</sup>The work is supported by the U.S. Department of Energy under contract DE-AC02-98CH10886.

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Date submitted: 21 Jan 2013

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