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## **New mechanism of generation of cosmological magnetic fields below electroweak scale**

*Tuesday, April 19, 2011 3:30 PM (20 minutes)*

I will present a new mechanism of generation of cosmological magnetic fields below electroweak scale and discuss their subsequent evolution. The mechanism is a byproduct of oscillations of sterile neutrinos, also responsible for baryo and leptogenesis and dark matter production.

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