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## **Cogeneration and Pre-annihilation of Dark Matter by a New Gauge Interaction**

*Thursday 10 September 2015 14:20 (20 minutes)*

Sphalerons of a new non-Standard Model gauge interaction can cogenerate dark matter and baryonic matter. They can also wipe out the symmetric component of the dark matter by a process of “pre-annihilation.”

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**Session Classification:** Dark Matter