**Advanced Cooling Concepts for Future Electron-Ion Colliders**

**Abstract:**

In this talk I will present advanced cooling techniques required for Electron-Ion and Electron-Hadron colliders.

**Summary:**

After introduction of the Electron-Ion and Electron-Hadron colliders projects around the world, the talk will cover description and comparison of available cooling techniques: electron, stochastic, optical-stochasting and coherent-electron cooling techniques.