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## Status of aerogel production in Novosibirsk

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Silica aerogel blocks are produced for use in Cherenkov detectors by a collaboration of Boreskov Institute of Catalysis and Budker Institute of Nuclear Physics since 1986. Novosibirsk aerogel is used in several detectors. Among them are KEDR (BINP, Novosibirsk), LHCb (CERN, Geneva), AMS (for International Space Station mission) and others.

Currently our investigations are aimed at two directions: multilayer aerogels for Focusing RICH and aerogels with high index of refraction. We have synthesized two- and tetra-layer aerogel tiles with dimensions of 115x115 mm. We have modernized method of pin-hole drying for the preparation of aerogels with refractive index in the range from 1.07 to 1.20.

**Please indicate "poster" or "plenary" session. Final decision will be made by session coordinators.**

poster

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**Classification de Session:** Poster Session 2 (Summary)

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