

The History, Present and Future of SAGE (Soviet-American Gallium Experiment)

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The SAGE experiment is a radiochemical gallium solar neutrino experiment which was created to solve solar neutrino problem arisen from Chlorine Davis experiment. The SAGE experiment together with the West European gallium experiment GALLEX contributed to the solution of the solar neutrino problem and simultaneously gave rise to a new problem which known as the gallium anomaly.

To shed light on the solution of this new problem the new experiment BEST with ^{51}Cr source now is preparing based on Gallium-Germanium neutrino telescope (GGNT) of the SAGE experiment.

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