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Recent Progress of the Design and Relevant Research Activities for Southern Advanced Photon Source

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The design of Southern Advanced Photon Source (SAPS), which is a 3.5 GeV storage ring based light source, has been actively updated in the past two years. In addition, many relevant research activities such as the development of an electron source, high gradient accelerating structures, RF cavities and power supplies for fast injection kickers have already been started. The updated overall design for SAPS will be introduced in this work, along with a brief overview of the on-going activities related to the project.

Funding Agency

Footnotes

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Yes

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