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Cavity mirror development for optical enhancement cavity of steady-state microbunching light source

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Optical enhancement cavity (OEC) provides the high intensity and high stability modulation laser field in steady-state microbunching (SSMB) light source. An SSMB extreme ultraviolet (EUV) light source targeted for lithography application is currently being developed at Tsinghua University, which demands for megawatt scale intra-cavity power for OEC. Cavity mirrors are the key components of the OEC to realize its designed parameters. Here we report the development progress of the cavity mirrors.

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Footnotes

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Yes

Primary author: WANG, Huan (Tsinghua University in Beijing)

Co-authors: TANG, Chuanxiang (Tsinghua University in Beijing); YAN, Lixin (Tsinghua University in Beijing); LI, Renkai (Tsinghua University); HUANG, Wenhui (Tsinghua University in Beijing); LIU, Xing (Tsinghua University in Beijing); LU, Xinyi (Tsinghua University in Beijing)

Presenter: WANG, Huan (Tsinghua University in Beijing)

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