

DEUTSCHES ELEKTRONEN-SYNCHROTRON
Ein Forschungszentrum der Helmholtz-Gemeinschaft



DESY 17-190
IPMU 17-0158
arXiv:1711.06129
November 2017

**Double Inflation as a
Single Origin of Primordial Black Holes for all
Dark Matter and LIGO Observations**

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ISSN 0418-9833

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