

Abstract Submitted  
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**Superconductivity in three dimensional topological compound via pressure**<sup>1</sup> C.Q. JIN, J. ZHU, J.L. ZHANG, S.J. ZHANG, X. LI, Q.Q. LIU, X. DAI, Z. FANG, Institute of Physics, Chinese Academy of Sciences, W.G. YANG, G.Y. SHEN, H.K. MAO, HPSynC at APS, Geophysical Laboratory, Carnegie Institution of Washington — Superconductivity in topological compounds is of great importance to the study of topological quantum phenomena. Here we report investigations of superconductivity induced via pressure in  $\text{Bi}_2\text{Te}_3$  topological single crystals with various carrier types. We will discuss the possible relations of the superconductivity to topological scenario.

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