

Recent Progress of Applied Superconductivity in Tsinghua University, China

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Applied Superconductivity Research Center, ASRC, was formed in year 2000. Currently, research in the ASRC is focused in several areas including BSCCO tapes, coated conductors characterization and new applications. In this talk, results of oxygen release process and the formation of secondary phases during the heat-treatment of BSCCO materials will be presented. Results of coated conductors made by non-vacuum method, especially, a new method, ion-beam structure modification (ISM) will be reported. Recent activities of applied superconductivity in China will be also described.