

## 研究成果報告書 (掲載期間 2017.11-2018.10)

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### 審査学術論文

- (1) Shutaro Machiya, Hirohito Hira, Hiroyuki Shibaki : AN APPLICATION STUDY OF DENSE THIN SHEET OF HOT PRESSED NONWOVEN FABRIC IN WHICH CARBON FIBERS AND THERMOPLASTIC FIBERS WERE MIXED, Proceedings of Conference 2018 Southampton SAMPE Europe, , 2018, , .

### 学会発表

- (1) S. Machiya : The Nb<sub>3</sub>Sn filaments residual stress of internal tin method and bronze method using X-ray stress measurement, , 9<sup>th</sup> Workshop on Mechanical and Electromagnetic Properties of Composite Superconductors, Andong, Korea, June 2018, Andong Korea.
- (2) S. Machiya: AN APPLICATION STUDY OF DENSE THIN SHEET OF HOT PRESSED NONWOVEN FABRIC IN WHICH CARBON FIBERS AND THERMOPLASTIC FIBERS WERE MIXED, SAMPE Europe 2018, September 2018, Southampton UK.
- (3) S Machiya : X-ray residual stress measurement of Nb<sub>3</sub>Sn filaments made by internal tin method and bronze method, Applied Superconductivity Conference2018, October 2018, Seattle USA.

### 学外競争的研究資金獲得

- (1) 守富寛、嘉藤太造ら：知の拠点重点研究プロジェクト／モノづくりを支える先進材料・加工技術開発プロジェクト／自動車軽量化のための熱可塑性炭素繊維強化樹脂の加工技術開発, 平成 28 年 (3 年プロジェクト) .