

**Publications (student co-authors underlined)**

1. L. Zhu, J. Rong, S. Xue, N. Mai, J. Peram, C. Goel, V. Yerraguravagari, K. Selvamanickam, and V. Selvamanickam, “High-strength REBCO tapes” *IEEE Trans. Appl. Supercond.* (in review)
2. S. Xue, L. Zhu, J. Rong, N. Mai, Y. Li, S. Chen, U. Sambangi, J. Peram, V. Selvamanickam, “Current sharing and mechanical properties of Slot-n-Fill REBCO tapes” *IEEE Trans. Appl. Supercond.* (in review)
3. J. Rong, L. Zhu, S. Xue, H. K. Singh, N. Mai, B. Sarangi, G. Majkic, and V. Selvamanickam, “Quench stability measurements with different REBCO tape architectures” *IEEE Trans. Appl. Supercond.* (in review)
4. A. Chavda, P. Ferracin, H. Higley, N. Mai, G. Majkic, P. Parthiban, J. Peram, S. Prestemon, J. Sandra, U. Sambangi, K. Selvamanickam, V. Selvamanickam, and X. Wang, “Voltage-current behavior of a superconducting STAR® wire in a 6-around-1 cable configuration” *IEEE Trans. Appl. Supercond.* (in review)
5. V. V. Kashikhin, S. Cohan, J. DiMarco, O. Kiemschies, S. Krave, V. Lombardo, D. Orris, S. Stoynev, D. Turrioni, A. K. Chavda, U. Sambangi, S. Korupolu, J. Peram, A. Arjun, C. Goel, J. Sai Sandra, V. Yerraguravagari, R. Schmidt, V. Selvamanickam, G. Majkic, E. Galstyan, N. Mai and K. Selvamanickam, “Re-assembly and test of COMB dipole magnet with STAR® wires” *IEEE Trans. Appl. Supercond.* (in review).
6. S. Stoynev, V. V. Kashikhin, S. Cohan, J. DiMarco, O. Kiemschies, S. Krave, N. Mai, U. Sambangi, V. Selvamanickam, “Application of Flex-QA Arrays in HTS Magnet Testing” *IEEE Trans. Appl. Supercond.* (in review).
7. J. Sandra, V. Manoj Are, S. Sherin, V. Yerraguravagari, B. Sarangi, A. Prabhakaran, and Venkat Selvamanickam “A Double-Sided Oxide Buffer Architecture to Facilitate REBCO Growth for High Performance” *IEEE Trans. Appl. Supercond.* (2025) 10.1109/TASC.2025.3526857
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9. C. Goel, M. Paidpilli, S. Chen, Y. Li, M. Oad, L. Zhu, G. Majkic, and V. Selvamanickam, “Correlations Between In-Line X-ray Diffraction Data and In-Field Critical Current of Long, 4- $\mu$ m Thick Film REBCO Tapes Made by Advanced MOCVD” *IEEE Trans. Appl. Supercond.* **35**, 6601205 (2025).
10. V. Pullanikkat, M. T. Paulose, R. Schmidt, S. Diwan, G. Majkic and V. Selvamanickam, “Next-generation Advanced MOCVD for long REBCO tapes” *IEEE Trans. Appl. Supercond.* **35**, 6602005 (2025)
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**BOOK CHAPTER**

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