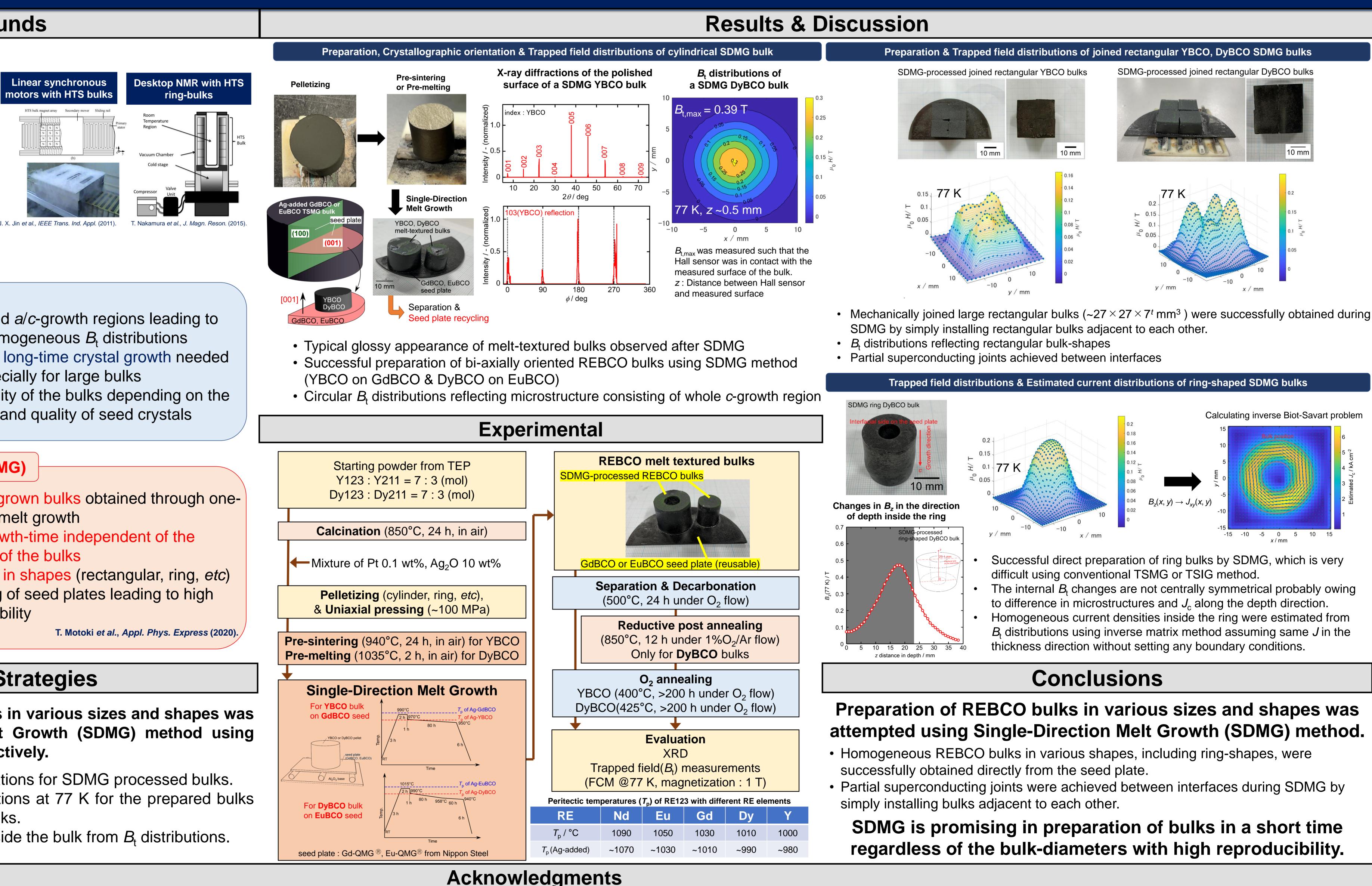
# THU-PO3-612-08 Short-time fabrication and trapped field distributions of large REBCO melt-textured bulks made by Single-Direction Melt Growth method T. Motoki<sup>1\*</sup>, R. Sasada<sup>1</sup>, T. Tomihisa<sup>1</sup>, S. Nakamura<sup>2</sup>, J. Shimoyama<sup>1</sup> <sup>1</sup> Aoyama Gakuin Univ., <sup>2</sup> TEP Hnit \*Takanori Motoki (e-mail : motoki@phys.aoyama.ac.jp)

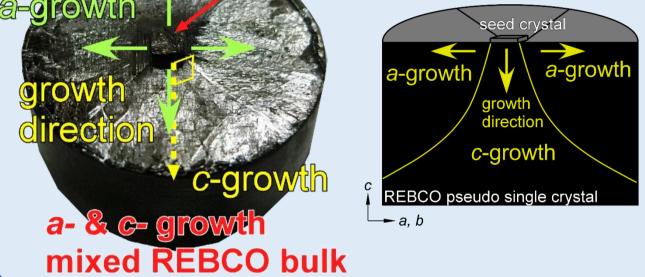


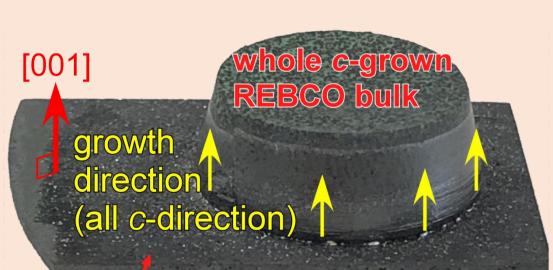
- Bi-axially oriented microstructures are
- field as high as ~17.6 T due to large
- REBCO bulks in various shapes are
- of large bulks should be improved for further practical applications.



## **Top-Seeded Melt Growth (TSMG)**



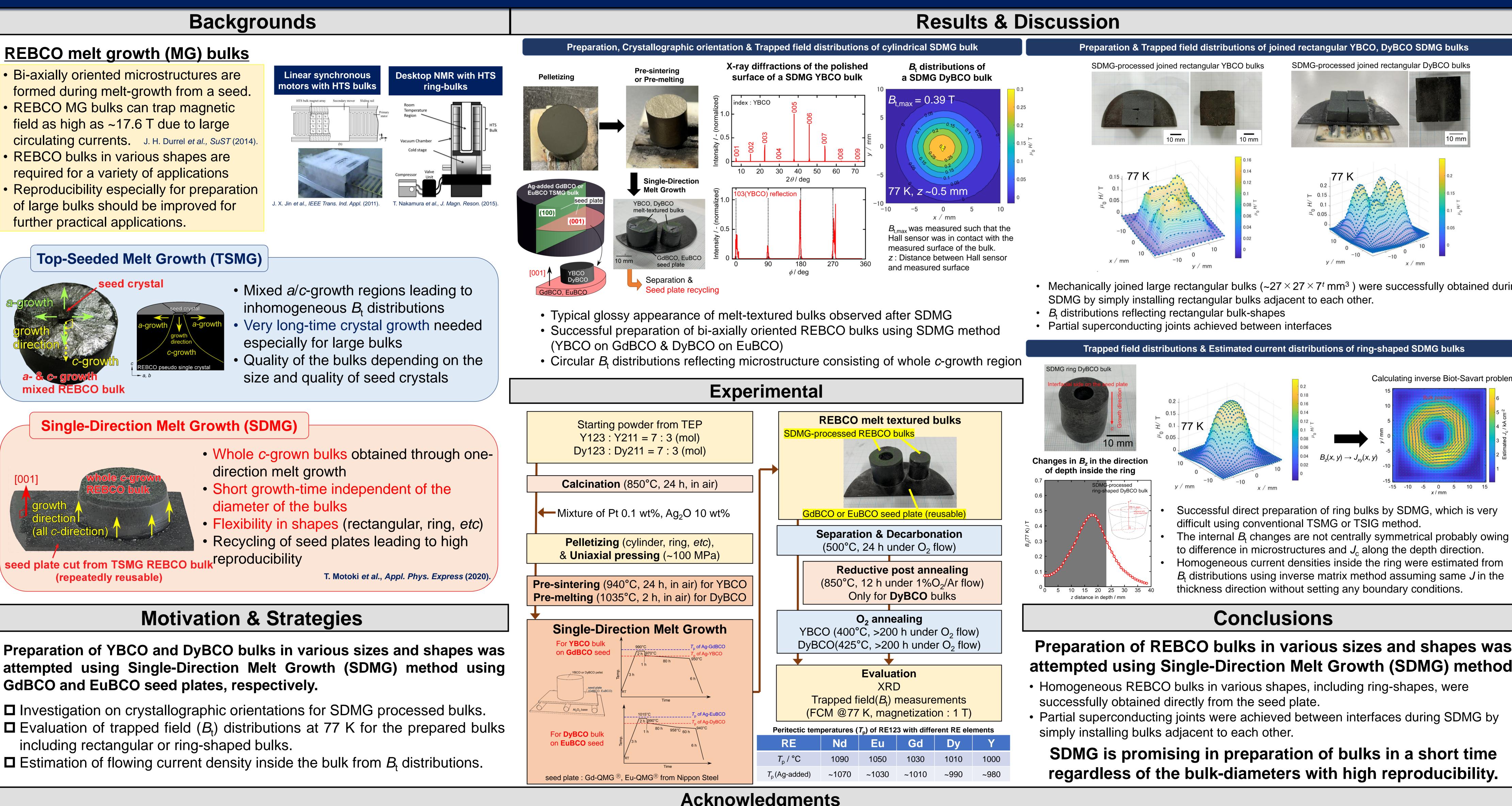




- direction melt growth
- diameter of the bulks

(repeatedly reusable)

GdBCO and EuBCO seed plates, respectively.



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