

---

Oral presentation | CS Code-sharing session | 【CS.7】 Code-sharing Session of 7.4 & 9.5

## [9p-Z24-1~14] 【CS.7】 Code-sharing Session of 7.4 & 9.5

Nobuyuki Iwata(Nihon Univ.), Masaki Hada(Tukuba Univ.), Rikizo Yano(Nagoya Univ.)

Wed. Sep 9, 2020 1:00 PM - 5:00 PM Z24

△ : Presentation by Applicant for JSAP Young Scientists Presentation Award

▲ : English Presentation

▼ : Both of Above

No Mark : None of Above

---

1:00 PM - 1:15 PM

### [9p-Z24-1][The 42nd JSAP Young Scientist Award Speech] Optimized negative thermal expansion induced by gradual intermetallic charge transfer in $\text{Bi}_{1-x}\text{Sb}_x\text{NiO}_3$

○Takumi Nishikubo<sup>1</sup>, Yuki Sakai<sup>2,1</sup>, Kengo Oka<sup>3</sup>, Masaichiro Mizumaki<sup>4</sup>, Tetsu Watanuki<sup>5</sup>, Akihiko Machida<sup>5</sup>, Naoyuki Maejima<sup>6</sup>, Shigenori Ueda<sup>7</sup>, Takashi Mizokawa<sup>8</sup>, Masaki Azuma<sup>1</sup> (1.MSL, Tokyo Tech., 2.KISTEC, 3.Kindai Univ., 4.JASRI/SPRING-8, 5.QST, 6.Rikkyo Univ., 7.NIMS, 8.Waseda Univ.)

Keywords:negative thermal expansion, charge transfer