
Symposium (Oral) | Symposium | Nanoscale 3D analyses for new device and materials development

[6p-C19-1~8]Nanoscale 3D analyses for new device and materials development

Masato Koyama(TOSHIBA), Tomihiro Hashizume(Hitachi, Ltd.)

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△：奨励賞エントリー

▲：英語発表

▼：奨励賞エントリーかつ英語発表

空欄：どちらもなし

2:15 PM - 2:45 PM

[6p-C19-2]Analysis of three-dimensional micro structures using synchrotron radiation-based micro-nanotomography: examples of extraterrestrial materials.

○Akira Tsuchiyama¹ (1.Kyoto Univ.)

Keywords:Hayabusa sample

We can obtain three-dimensional microstructures of materials of chemical composition and density informations with ~100 nm effective spatial resolution using synchrotron radiation-based imaging tomography. Examples of application to extraterrestrial materials including Hayabusa samples will be introduced.