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Survey of KEKB magnets and monuments for SuperKEKB

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A survey of the KEKB magnets and monuments was carried out using FARO laser trackers and LEICA DNA03 to form a survey network for the next-generation B-factory, SuperKEKB. All of the main dipole magnets in the low energy ring (LER) will be replaced by longer magnets and the magnets in the entire interaction region as well as in the straight sections on either side of the interaction region will be replaced. A strategy to complete the installation and the alignment of the magnets will be discussed.

Primary author: Dr MASUZAWA, Mika (KEK)

Co-authors: Dr MISHIMA, Kenji (PASCO); ABE, Naohiro (PASCO); OHSAWA, Yasunobu (KEK)

Presenter: Dr MASUZAWA, Mika (KEK)

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