KASOKUKI

Journal of Particle Accelerator Society of Japan, Vol.12, No.4, 2015

CONTENTS

Ртетасе	Kenji SATO	187
Special Issue "Expansion of Researches and Applications with Accelerators		
Special Contribution	Noritaka KUMAGAI	188
Topics		
Induced Mutagenesis and Breeding of Plants Yutaka OONC	and Watalu YOKOTA	189
Drug Discovery by Accelerators Use	Kazumi NISHIJIMA	193
Application of Accelerators for Radiotherapy	Hirohiko TSUJII	197
Accelerators in the Field of Diagnostic Medicine	Kotaro NAGATSU	202
Production of Radioisotopes for Application Studies at RIKEN RI Beam Factory	Hiromitsu HABA	206
Wear Diagnostics of Machine Parts with RI-Beam Implantation	Tadashi KAMBARA	213
Industry Support Program by Dual-beam Materials Irradiation Accelerator		
Akihiko KIMURA, Tatsuya HINOKI, Ryuta KASADA,	Kiyohiro YABUUCHI,	
Hideki MATSU	I and Sosuke KONDO	217
Single Event Effects Testing by using Accelerators	Takahiro MAKINO	222
Meeting Report		
Report on HIAT 2015 (International Conference on Heavy Ion Accelerator Technology)	nology)	
	Kazutaka OZEKI	226
Report on IBIC 2015 (International Beam Instrumentation Conference 2015)		
Masahiro YOSHIMOTO and	d Makoto TOBIYAMA	230
PASJ Announcements		233
Notice Board		240

Editorial Committee

Masao KURIKI chairperson

Yoshiyuki IWATA, Haruo OHKUMA, Takashi OBINA, Masayuki KASE, Keigo KAWASE, Eiji KIKUTANI, Tetsuo SHIDARA, Toshinari TANAKA, Fujio NAITOU, Koichi NAKAYAMA, Kazuo HASEGAWA, Masahito HOSAKA,

Kai MASUDA, Takashi WAKUI

The Journal is published quarterly by Particle Accelerator Society of Japan, Noritaka KUMAGAI, President. c/o Secretariat, WORDS Publishing House, 2–62–8–507 Higashi Ikebukuro, Toshima-ku, Tokyo 170-0013, Japan