

KASOKUKI

Journal of the Particle Accelerator Society of Japan, Vol.7, No.2, 2010

CONTENTS

Editorial	Akira ASAMI	87
Reviews		
Development of a Photocathode DC Electron-Gun for Next-Generation Light-Sources		
Ryoji NAGAI, Ryoichi HAJIMA, Nobuyuki NISHIMORI, Toshiya MUTO, Masahiro YAMAMOTO, Yosuke HONDA, Tsukasa MIYAJIMA, Hokuto IJIMA, Masao KURIKI, Makoto KUWAHARA, Shoji OKUMI and Tsutomu NAKANISHI		88
Topics		
Research on Superconducting Cavity for more High Gradient		
Shigeki KATO, Takayuki SAEKI, Motoaki SAWABE, Michiru NISHIWAKI, Hitoshi HAYANO, Yuichi MOROZUMI, Ken WATANABE, Puneet Veer TYAGI and Yoshihisa IWASHITA		95
Values of Construction of IFMIF Accelerator Prototype and Targeted Issues		
Masayoshi SUGIMOTO, Pascal GARIN, Christophe VERMARE, Hiroyuki SHIDARA, Haruyuki KIMURA, Hiromitsu SUZUKI, Shigeru O'HIRA, Yoshikazu OKUMURA, Alban MOSNIER, Alberto FACCO and Angel IBARRA		110
Micro-Ion Beam Accelerator at QSEC of Kyoto University	Akio ITOH	119
Essay of Accelerator R&D in a Small Laboratory of an University		
〈Study of three POP accelerators using heavy ion RFQ linac of Tokyo Institute of Technology—1992–2008—〉	Toshiyuki HATTORI	124
Meeting Report		
A Prompt Report of IPAC '10	Eiji KIKUTANI	136
Report on ILCWS10 and ILC10	Takayuki SAEKI	139
Report on 2010 Sixth CW and High Average Power RF Workshop	Shigeki SASAKI	144
Report on BIW10 (2010 Beam Instrumentation Workshop)	Makoto TOBIYAMA	148
Report on WAO2010 (Workshop on Accelerator Operations)	Kazuro FURUKAWA	152
Forum		
My Impressions of Research Life Overseas	Shigemi SASAKI	157
PASJ Announcements		
Notice Board		

Editorial Committee	IWASHITA Yoshihisa, chairperson HASEGAWA Kazuo, IWATA Yoshiyuki, KASE Masayuki, KASHIWAGI Shigeru, KATOU Ryukou, KIKUTANI Eiji, KOSEKI Tadashi, KURIKI Masao, NAKAYAMA Koichi, OHGAKI Hideaki, OHKUMA Haruo, OBINA Takashi, SHIDARA Tetsuo, SHOJI Yoshihiko, SUETSUGU Yusuke, TANAKA Toshinari
----------------------------	--

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