



Special Section on Speech Information Processing for Bridging the Digital Divide



Editorial Preface	Kenji NAKAZAWA	1013
1. Persons with Disabilities and Speech	Akira ICHIKAWA	1014
2. Speaking Disorders and Assistive Speech Technology	Tetsuya TAKIGUCHI and Akemi IIDA	1019
3. Supporting People with Disabilities Using Speech Technologies in Broadcasting and Educational Fields	Toru IMAI and Kohtaroh MIYAMOTO	1024
4. Internet and Text-to-speech	Takuya NISHIMOTO and Masafumi NISHIDA	1030
5. Application of Knowledge in Speech Study to Information Welfare	Kaoru NAKAZONO, Yuji NAGASHIMA, and Yasuo HORIUCHI	1036

Technical Survey

“International Standardization and Business Strategy” : A Special Session at the 2008 IEICE General Conference	Akira IZUMI	1042
Millimeter Wave Imaging Technologies	Koji MIZUNO	1047
Blog Mining	Manabu OKUMURA	1054
Ball SAW Sensor	Kazushi YAMANAKA	1060
Development and Future of Brain-Machine Interface	Ryohei P. HASEGAWA	1066

Tutorial

From the Idea of the Tunnel Actuator to Advanced Technology	Houng Joong KIM	1076
---	-----------------	------

News Analysis

Field Test of Japanese-Chinese Speech Translation Service at the Beijing Olympic Games : Performance Evaluation of Cellular Phone Speech Translation Service		1079
--	--	------