

Contents

1	Introduction to Human-Harmonized Information Technology	1
	Toyoaki Nishida	
2	Transmitting Human Presence Through Portable Teleoperated Androids: A Minimal Design Approach	29
	Hiroshi Ishiguro	
3	Modeling and Detecting Excessive Trust from Behavior Signals: Overview of Research Project and Results	57
	Kazuya Takeda	
4	FoodLog: Multimedia Food Recording Tools for Diverse Applications.	77
	Kiyoharu Aizawa	
5	Dynamic Information Space Based on High-Speed Sensor Technology	97
	Masatoshi Ishikawa, Idaku Ishii, Yutaka Sakaguchi, Makoto Shimojo, Hiroyuki Shinoda, Hirotsugu Yamamoto, Takashi Komuro, Hiromasa Oku, Yutaka Nakajima and Yoshihiro Watanabe	
6	Haptic Media: Construction and Utilization of Haptic Virtual Reality and Haptic Telexistence.	137
	Susumu Tachi	
7	Perceptual Illusion and Development of a Sense-Centered Human Interface	169
	Yasuharu Koike	
8	Sensing and Controlling Human Gaze in Daily Living Space for Human-Harmonized Information Environments.	199
	Yoichi Sato, Yusuke Sugano, Akihiro Sugimoto, Yoshinori Kuno and Hideki Koike	

9 Smart Posterboard: Multi-modal Sensing and Analysis of Poster Conversations 239
Tatsuya Kawahara

10 Critical Roles of Implicit Interpersonal Information in Communication 271
Makio Kashino, Shinsuke Shimojo and Katsumi Watanabe

Index 291



<http://www.springer.com/978-4-431-55865-1>

Human-Harmonized Information Technology, Volume 1

Vertical Impact

Nishida, T. (Ed.)

2016, XVI, 295 p. 187 illus., 172 illus. in color.,

Hardcover

ISBN: 978-4-431-55865-1