

International Society of Life Information Science (ISLIS) **Program**

The Seventeenth Symposium on Life Information Science

March 13-14, 2004, Denki University, Tokyo

Chairperson Mikio YAMAMOTO, **ISLIS** Chairman of the Board of Directors
National Institute of Radiological Sciences

March 13th (Saturday)

9:30 - 10:00		Registration		
10:00 - 10:05		Opening Remarks	Yoshio MACHI Chairperson of Organization Committee of the 17th Symposium ISLIS Vice President, Tokyo Denki University	
		Chairpersons	Kimiko KAWANO (Nippon Medical School) Kiminori ITOH (Yokohama National University)	
10:05 -	1	The Report of Several Examples of Qigong Therapy	Chao LIU ¹ , Ken FUKUDA (Wei Ming LIU) ² and Yoshio MACHI ¹ ¹ Human Body Science Lab., Electronic Engineering, Graduate School of Engineering, Tokyo Denki University ² Fukuda Qigong Clinic	29
10:30 -	2	A Comparative Study of Physiological Changes while Playing a Wind Instrument and Doing Internal Qigong	Hiroyuki KOSHII, Chao LIU and Yoshio MACHI Dept. of Electronic Engineering, Tokyo Denki University	41
10:55 -	3	Physiological Measurements of Various Type Qi	Masahiro SUZUKI, Yoshio MACHI and Chao LIU Dept. of Electronic Engineering, Graduate School of Engineering, Tokyo Denki University	49
11:20 -	4	<Report 1> Publication of the book "Human Potential Science" by International Society of Life Information Science (ISLIS) and a Report on the Status of This field	Mikio YAMAMOTO ISLIS Chairman of the Board of Directors	58
11:40 - 13:00		Lunch Time	11:45-13:00 ISLIS Meeting of Advisors, Trustees and Directors	
		Chairpersons	Tsuneo WATANABE (Toho University) Takeo OKU (Osaka University)	
13:00 -	5	Psychological Effects and Sexual Differences in EEG Values during Collage Making	Kimiko KAWANO ¹ , Fujiko KONJIKI ² and Yukihiro AGO ³ ¹ Centre for Informatics and Sciences, Nippon Medical School ² Dept. of Psychology and Education, Tokyo Kasei University ³ Graduate School of Human Studies, Bunkyo Gakuin University	60

13:25 -	6	A Study on the Relationships between α-waves and Business Performance (Part VII) - Quantitative experiments on the impact of fragrance and a necktie on people's stress level - Akiyoshi OSHIMA WORD Laboratories Inc.	65
13:50 -	7	A Study on the Relationships between α-waves and Business Performance (Part VIII) - Quantitative study on effectiveness of allocating working hours and leaving jobs unfinished - Akiyoshi OSHIMA WORD Laboratories Inc.	74
14:15 -	8	Integrated Body Control Method with Image, Breath, Intention, Consciousness, Cognition, Qi and Healing to Make Oneself Healthy Koichiro HAYASHI Gifu Prefectural Institute of Health and Environmental Sciences	84
14:40 - 14:55		Intermission	
		Chairpersons Yoshihiro UEDA (Kansai College of Oriental Medicine) Masahiro KURITA (Gunma Paz Gakuen College)	
14:55 -	9	Using Physiological Indices to Consider the Effects of Negative Air Ions on the Human Body Kiyoko SHIRAI, Kiyonori YAMAOKA, Katsumi HANAMOTO and Yoshitake YAMAMOTO Faculty of Health Sciences, Okayama University Medical School	97
15:20 -	10	Sensitivity of the Smell Detection Quartz Resonator with a Sensitive Membrane of Squalene or Japanese Lacquer for Water Molecules Yoshinori ADACHI ¹ , Takashi AOKI ² and Takashi FUJII ² ¹ College of Business Administration and Information Science, Chubu University ² College of Engineering, Chubu University	103
15:45 -	11	A Physiological Study on the Effects of Lavender Aroma Masatoshi ITOH ¹ , Takehisa SASAKI ¹ , Xudong DUAN ² , Kazuhiko WATANABE ³ , Sayuri SETO ³ , Mitsuo YASUSHI ⁴ , Kazuaki KUMAGAI ¹ and Keiichiro YAMAGUCHI ¹ ¹ Division of Nuclear Medicine, Cyclotron Radioisotope Center, Tohoku University ² Department of Medical Engineering and Cardiology, Institute of Development, Aging and Cancer, Tohoku University ³ Teikoku Pharmaceuticals Co. Ltd., ⁴ Pioneer Co. Ltd	109
16:10 - 16:20		Intermission	
16:20 - 16:30		Presentation and Ceremony of the 5th Society's Prizes Masatoshi ITOH ISLIS President, Tohoku University Kimiko KAWANO Chairperson of Selection Committee for Society's Prizes, ISLIS Vice President, Nippon Medical School	18
16:30 -	12	Chairperson Shunkichi ENDO (Nippon Medical School) <Special Lecture 1> CAM Practice in Dental Clinical -The challenge to comfortable dental practice without pain, fear and swelling- Akira FUKUOKA President, Research Laboratory of Integrative Medicine, FUKUOKA Dental Clinic	117

17:30 -	13	<p style="text-align: right;">Chairperson Yoichiro SAKO (Sony Corporation)</p> <p><Special Lecture 2> The Future of Holistic Medicine</p> <p style="text-align: right;">Ryoichi OBITSU President Emeritus, Chairman, Board of Directors, Obitsu Sankei Hospital</p>	134
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18:30 -		<p style="text-align: center;">Joint Banquet by <i>ISLIS</i> and <i>IRI</i> to celebrate the publication of a book of <i>ISLIS</i></p>	
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March 14th (Sunday)

8:30 - 9:00		Registration	
9:00 - 9:05		<p>Opening Remarks</p> <p style="text-align: right;">Yoshio MACHI Chairperson of Organization Committee of the 17th Symposium <i>ISLIS</i> Vice President, Tokyo Denki University</p> <p style="text-align: center;">Chairpersons Takashi AOKI (Chubu University) Mami KIDO (Tohoku-Gakuin University)</p>	
9:05 -	14	<p>Psychological Mechanism of Traditional Healing Technique Performed by the Healing Robot - through the life information field -</p> <p style="text-align: center;">Kazuo UEBABA¹, Feng-Hao XU¹, Takashi TATSUSE¹, Yukiko TAGUCHI¹, Hiroko OGAWA¹ and Tatsuya HISAJIMA²</p> <p style="text-align: center;">¹ International Research Center for Traditional Medicine of Toyama Prefecture ² Anatomy 2nd, Yokohama City University</p>	169
9:30 -	15	<p>A Study on Mechanism of Consciousness Based on Holographic Cosmology</p> <p style="text-align: right;">Takeo OKU Institute of Scientific and Industrial Research, Osaka University</p>	150
9:55 -	16	<p>Relationship between the Hemoglobin Concentration of the Cerebral Cortex and Breath during Qi-gong</p> <p style="text-align: center;">Weizhong CHEN^{1,2,3}, Tong ZHANG³, Hideo YOICHI³, Hideyuki KOKUBO³ and Mikio YAMAMOTO^{2,1,3}</p> <p style="text-align: center;">¹ Diversity and Fractal Science, Graduate School of Science and Technology, Chiba University ² National Institute of Radiological Sciences, ³ International Research Institute</p>	160
10:20 -	17	<p>Anomaly of Random Number Generator Outputs (II) - Cumulative Deviation at New Year's Holiday -</p> <p style="text-align: center;">Hideo YOICHI, Hideyuki KOKUBO and Mikio YAMAMOTO Information Center, International Research Institute National Institute of Radiological Sciences</p>	142
10:45 - 11:00		Intermission	
11:00 -	18	<p style="text-align: right;">Chairperson Masatoshi ITOH (Tohoku University)</p> <p><Special Lecture 3> Effects of Odors on Brain Function</p> <p style="text-align: right;">Yoshihiko KOGA Professor, Department of Neuropsychiatry, Kyorin University School of Medicine</p>	179

12:00 - 13:10	Lunch Time 12:05 - 13:10 ISLIS Meeting of Society: Members	
13:10 -	Address of <i>ISLIS</i> President-elect Kiichi TSUCHIYA Professor Emeritus, Waseda University	
13:25 -	19 <Special Lecture 4> Distant Effects Research Chairperson Yuzo HIGUCHI (Tokyo Institute of Technology) Mami KIDO Professor, Faculty of Liberal Arts, Information Science, Tohoku-Gakuin University,	187
14:25 -	20 <Report 2> Reports on Alternative Medicine in Brazil Chairperson Yoshio MACHI (Tokyo Denki University) Yuzo HIGUCHI Professor, Graduate School of Science and Engineering, Tokyo Institute of Technology	
14:40 - 15:10	General Discussions Chairperson Yoshio MACHI (<i>ISLIS</i> Vice President) Chairperson of Organization Committee of the 17th Symposium	
15:10 - 15:20	Intermission	
15:20 - 16:50	<Practical Session> Kisho KIDA Japan Kihodo Association Hiroko YOSHIMURA Kaiko Co., Ltd. Chairperson Hiroshi FUKUOKA (FUKUOKA Dental Clinic)	198
16:00 - 16:45	Selection Committee for Society's Prizes Kimiko KAWANO Chairperson of Selection Committee for Society's Prizes <i>ISLIS</i> Vice President Nippon Medical School	
16:50 - 16:55	Introduction to " International Conference on Mind Body Science <i>joint with 18th Symposium on Life Information Science</i> " Yoshio MACHI Organizing Committee Co-Chair	
16:55 - 17:00	Closing Remarks Masatoshi ITOH <i>ISLIS</i> President Tohoku University	
