

International Society of Life Information Science (ISLIS) Program

The Tenth Symposium on Life Information Science

August 26-27, 2000, Tokyo Denki University, Tokyo

Chairperson Mikio YAMAMOTO, *ISLIS* President
National Institute of Radiological Sciences

August 26 (Saturday)

9:00-		Registration		
		Chairpersons	Kazuo NITTA, MOA Health Science Foundation Yoichiro SAKO, Sony Corporation	
9:35 -	1	The Effects of Wai Qi on Rats under Stress Based on Urinary Excretion Measurements of Catecholamines	Tomoko ITOH ¹ , Zaiwen SHEN ¹ , Yasuhiro ITOH ² , Akira TAMURA ¹ and Masami ASAYAMA ¹ ¹ Chukyo Women's University, ² School of Health Science, Fujita Health University	338
10:05 -	2	Immune Changes during Cosmic Orbit Meditation of Qigong	Yuzo HIGUCHI ¹ , Yasunori KOTANI ¹ , Hironobu HIGUCHI ² , Yukiko MINEGISHI ³ , Yukio TANAKA ⁴ , Yong Chang YU ⁵ and Shinichiro MOMOSE ⁶ ¹ Tokyo Institute of Technology, ² College of Medical Sciences, Tohoku University, ³ Jichi Medical School, School of Nursing, ⁴ Tokyo University of Agriculture and Technology, ⁵ International Qigong Association, ⁶ Momose Hospital	352
10:30 -	3	Effects of Qigong on the Concentration of Free Radicals in Blood	Mignon PARK ¹ , Youngho PARK ¹ , Sukyun CHANG ¹ , Changhoon LEE ¹ and Jin XIANGKUI ² ¹ Yonsei University, ² Jilin University	358
10:55 -	4	< Lecture by <i>ISLIS</i> President > Chairperson Yoshio MACHI, Tokyo Denki University Promotion of "Human Potential Science" <p style="text-align: right;">Mikio YAMAMOTO <i>ISLIS</i> President, National Institute of Radiological Sciences</p>	364	
11:30 - 11:40		Introduction of <i>ISLIS</i> Advisors		
11:40 - 13:00		Lunch Time (11:45-12:40 Advisors' and Trustees' Meeting (with Officers), 12:40-12:50 Directors' Meeting)		
		Chairpersons	Yoshihiro UEDA, Kansai College of Oriental Medicine Mami KIDO, Tohoku Gakuin University	
13:00 -	5	Power Spectral Analysis of R-R Interval Variability during Zazen	Yukiko MINEGISHI ¹ , Tsuyoshi WATANABE ² and Yuzo HIGUCHI ³ ¹ Jichi Medical School, School of Nursing, ² Kokushikan University, ³ Tokyo Institute of Technology	379
13:25 -	6	Physiological Measurements during Qigong Training (II)	Masataka TANAKA ^{1,2} , Hideyuki KOKUBO ^{1,2} , Tomoko KOKADO ¹ , Mikio YAMAMOTO ¹ , Kimiko KAWANO ^{3,1} and Takao SOMA ^{4,1} ¹ National Institute of Radiological Sciences, ² The Institute for Future Technology, ³ Nippon Medical School, ⁴ Tokyo Metropolitan College	383
13:50 -	7	EEG Alpha Waves of a Receiver in a Remote Action Experiment	Kimiko KAWANO ^{1,2} , Mikio YAMAMOTO ² , Hideyuki KOKUBO ^{2,3} , Masataka TANAKA ^{2,3} , Tong ZHANG ^{2,3} , Dmitri V. PARKHOMTCHOUK ² , Tomoko KOKADO ² , Hirotaka NAKAMURA ^{2,3} and Takao SOMA ^{4,1} ¹ Nippon Medical School, ² National Institute of Radiological Sciences, ³ The Institute for Future Technology, ⁴ Tokyo Metropolitan College	395

14:15 - 14:30	Intermission		
	Chairpersons	Tokuro NOBECHI, Former Director, St. Luke's International Hospital Masatoshi ITOH, Tohoku University	
14:30 -	8	An Experiment on the Cerebral Activity during Visual Imagery	400
		Tong ZHANG ^{1,2} , Hideaki SAKAIDA ³ , Kimiko KAWANO ^{1,4} , Mikio YAMAMOTO ¹ and Yoshio MACHI ³	
		¹ National Institute of Radiological Sciences, ² The Institute for Future Technology, ³ Tokyo Denki University, ⁴ Nippon Medical School	
14:55 -	9	The Study of Meditation and Image Evocation Using Functional MRI	407
		Yoshihiro UEDA ¹ , Kyoichi KUROIWA ¹ , Hideyuki ZENJYU ¹ , Tayo KATANANO ¹ , Setsuko KAME ¹ , Hitoshi KASHIBA ¹ , Toshio YANAGIDA ² , Yuri KITAMURA ² , Yoshitetsu OSHIRO ² , Yasuhiro TOKIMOTO ³ and Tamotsu NOMURA ³	
		¹ Kansai College of Oriental Medicine, ² Osaka University Graduate School of Medicine, ³ Ishikawa Hospital	
15:20 - 15:35	Intermission		
	Chairpersons	Humio INABA, Professor Emeritus, Tohoku University Takashi AOKI, Chubu University	
15:35 -	10	Super-Delayed Luminescence from Biological Tissues	413
		Dmitri V. PARKHOMTCHOUK and Mikio YAMAMOTO National Institute of Radiological Sciences	
16:05 -	11	Biophoton and Temperature Changes of Human Hand during Qigong	418
		Hiroataka NAKAMURA ^{1,2} , Hideyuki KOKUBO ^{1,2} , Dmitri V. PARKHOMTCHOUK ¹ , Wheizhong CHEN ^{1,2} , Masataka TANAKA ^{1,2} , Tong ZHANG ^{1,2} , Tomoko KOKADO ¹ , Mikio YAMAMOTO ¹ and Nobuo FUKUDA ¹	
		¹ National Institute of Radiological Sciences, ² The Institute for Future Technology	
16:30 -	12	Sustaining Faculty of Living Functions and Its Biophoton Observation	423
		Tsutomu YANAGAWA, Hiroyuki SAKAGUCHI, Masahiro UENO and Kazuo NITTA Life Science Labs., MOA Health Science Foundation	
16:55 -	13	< Special Lecture 1 >	448
		Chairperson Mikio YAMAMOTO National Institute of Radiological Sciences	
		Measurement of Biophoton from Human Body	Humio INABA
		Professor Emeritus, Tohoku University	
18:00 - 19:30	Banquet		

August 27 (Sunday)

8:30 -	Registration		
	Chairpersons	Yuzo HIGUCHI, Tokyo Institute of Technology Hideyuki KOKUBO, National Institute of Radiological Sciences	
9:00 -	14	Quantitative Evaluations of Health Promotion Methods Using Peripheral Blood Flow (1)	457
		Shigenori SHIROUZU ¹ , Hisanobu SUGANO ¹ and Yasunori NOTO ²	
		¹ MOA Health Science Foundation, ² ICE (Institute of Chaos Engineering) Inc.	
9:30 -	15	Comparison of Equivalent Admittance on the Palms Before and After Exercise or Meditation	468
		Shoji SUZUKI ¹ , Kazuhide UESUGI ¹ , Yayoi NAKABAYASHI ¹ , Yoshinori ADACHI ² and Yasukazu SEIKI ¹	
		¹ Kumamoto National College of Technology, ² Chubu University	
9:55 - 10:10	Intermission		

		Chairpersons Kiminori ITOH, Yokohama National University Masahiro KURITA, University of Tokyo	
10:10 -	16	Effects of EQR Irradiation on Physical Stamina, Tumor and Inflammation for Disease Models in Mice and Rats Takashi AOKI ¹ , Susumu ARAHATA ² , Hideyuki SHINNABE ² , Tomohiko HASEGAWA ³ and Mineo KUNIHARA ³ ¹ Chubu University, ² Nippon Sigmax Co., Ltd., ³ Nippon Experimental Medical Research Institute Co., Ltd.	479
10:40 -	17	Study of Pulse Wave Change for Different Kinds of Breathing Yoshinori ADACHI ¹ and Takashi AOKI ² ¹ College of Business Administration and Information Science, Chubu University ² College of Engineering, Chubu University	488
11:05 -	18	< Special Lecture 2 > Dissociative Disorder Chairperson Takao MORI, Nippon Medical School Minshuku KOH, Yoshiko NISHIMATSU and Shunkichi ENDO Nippon Medical School	495
12:05 - 13:05		Lunch Time (12:05 - 12:55 Society Member's Meeting)	
		Chairpersons Hisanobu SUGANO, MOA Health Science Foundation Kimiko KAWANO, Nippon Medical School	
13:05 -	19	Physiological Measurements for Reflexology Foot Massage Yoshio MACHI ¹ , Chao LIU ¹ and Maki FUJITA ² ¹ Tokyo Denki University, ² Japan Reflexology Association, Maki Fujita Reflexology School	502
13:35 -	20	The Physiological Differences of One Qi Gong Master's Nei Gong, Dong Gong and Wai Qi (Healing with Qi) Chao LIU ¹ , Yoshio MACHI ¹ and Yong-Xiang ZHANG ² ¹ Tokyo Denki University, ² The Chinese School of Qi Master	511
14:00 -	21	Imaging Findings of the Brain After Performing Yoga : A PET Study Laxmi Narayan SINGH, Masatoshi ENDO, Keiichiro YAMAGUCHI, Masayasu MIYAKE, Shoichi WATANUKI, Myeong Gi JEONG and Masatoshi ITOH Division of Nuclear Medicine, Cyclotron Radioisotope Center, Tohoku University	521
14:30 - 14:45		Intermission	
		Chairpersons Tsuneo WATANABE, Toho University Masayuki HIRAFUJI, Agriculture, Forestry and Fisheries Ministry	
14:45 -	22	A Study on the Relationships between Alpha-Waves and Business Performance (Part II) -Focusing on the possibility of a good cycle of the appearance of Alpha-waves and good business performance- Akiyoshi OSHIMA WORD Laboratories Inc.	527
15:15 -	23	Analysis of Intellectual Resonance (or Synchronization) Using a Card Game (8) Spatially Asymmetrical Property of Interactions Masahiro KURITA Department of Internal Medicine, Faculty of Medicine, University of Tokyo	540
15:40 - 16:15		Discussion	
16:15 -		Introduction of the Next Symposium Yuzo HIGUCHI Chairperson of Organization Committee of the Eleventh Symposium, <i>ISLIS</i> Managing Director, Tokyo Institute of Technology	
16:20 -		Closing Remarks Yoshio MACHI Chairperson of Organization Committee of the Tenth Symposium, <i>ISLIS</i> Chairman of the Board of Directors, Tokyo Denki University	
