

**The 10th Anniversary of the Founding of the  
International Society of Life Information Science (ISLIS)  
The 20th Symposium on Life Information Science**

**Program**

September 2-4, 2005,

Multipurpose Digital Hall, West Bldg. 9, Tokyo Institute of Technology, Ookayama, Tokyo

**General Chairperson**                      **Mikio YAMAMOTO**, *ISLIS* Chairman of the Board of Directors,  
International Research Institute (*IRI*)

**September 2nd (Friday)**

9:30 -	Registration		
10:00 - 5min.	<b>Opening remarks</b>	Yuzo HIGUCHI, Chairperson of Organization Committee of the 20th Symposium <i>ISLIS</i> Vice President, Tokyo Institute of Technology	
10:05 5min	<b>President Greetings</b>	Kiichi TSUCHIYA, <i>ISLIS</i> President, Professor Emeritus, Waseda University	
	Chairperson	Kimiko KAWANO, Nippon Medical School	
10:10 - P 10min	1	<b>An Evaluation of the Standing Posture Qigong Using Pulse Delay Time</b> Hirokazu YOSHIDA, Chao LIU and Yoshio MACHI    Tokyo Denki University	251
10:25 - P 10min	2	<b>Analysis of Various Biological Signals during Standing Posture Qigong</b> Shogo TSUNEGI, Chao LIU and Yoshio MACHI Electronic Engineering, Graduate School of Engineering, Tokyo Denki University	257
10:40 - 15min	3	<b>Difference in Brain-immune Relationship between Right and Left Cerebral Hemispheres – A discussion based on the correlation between alpha wave amplitude and circulating natural killer cell count</b> Tsutomu KAMEI <sup>1,2</sup> , Yoshitaka TORIUMI <sup>3</sup> , Satoshi OHNO <sup>4</sup> and Seiichi JIMBO <sup>5</sup> <sup>1</sup> Shimane Institute of Health Science <sup>2</sup> Kanazawa University Graduate School of Medical Science <sup>3</sup> Shimane University Faculty of Medicine <sup>4</sup> Osaka University Graduate School of Medicine <sup>5</sup> Mitsubishi Kagaku Bio-Clinical Laboratories, Inc.	269
11:00 - 10min		Discussion	
11:10 - 13:00		<b>Poster Presentation ( Reference : A ) [ Place: Media Hall ]</b>	
11:10 20min    O	4	<b>&lt; Report of Chairman of the Board of Directors, <i>ISLIS</i> &gt;</b> Chairperson <b>Kiichi TSUCHIYA</b> , <i>ISLIS</i> President Professor Emeritus, Waseda University <b>The 10th Anniversary of the Founding of the International Society of Life Information Science (<i>ISLIS</i>)</b> Mikio YAMAMOTO, <i>ISLIS</i> Chairman of the Board of Directors International Research Institute ( <i>IRI</i> )	(221)
11:30		<b>Introduction of <i>ISLIS</i> Advisors</b>	

10min  
11:40 -  
80min

Lunch Time  
**ISLIS Society Meeting of Advisors, Trustees and Directors** [ Place: Presentation Room ]  
**Poster Presentation ( Reference : A )**

13:00 - 16:45

**<Mini-Symposium>**  
**Is There Any Essence of Meridian System and Point?**  
Chairpersons **Mikio YAMAMOTO**, International Research Institute (**IRI**)  
**Masahide AOYAMA**, California State University  
Interpreter **Yong-Jong KIM**, **ISLIS** Member, Volunteer

13:00 -  
5min

**The Reasons for This Mini-Symposium**  
**Mikio YAMAMOTO**, **ISLIS** Chairman of the Board of Directors,  
International Research Institute (**IRI**)

279

13:05 -  
20min  
+ Translation  
15min

5 **Recent Progress in Bonghan System Research**  
**Kwang-Sup SOH<sup>1</sup> and Sun-Mi CHOI<sup>2</sup>**  
<sup>1</sup>Biomedical Physics Lab., School of Physics, Seoul National University  
<sup>2</sup>Korea Institute of Oriental Medicine

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13:45 -  
10min  
+ Translation  
5min

6 **Naturally Generated Microcells as One of Possible Origins of Adult Stem Cells**  
**Vyacheslav OGAY, Ku Youn BAIK, Baekkyoung SUNG and Kwang-Sup SOH**  
Biomedical Physics Laboratory, School of Physics, Seoul National University

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14:05 -  
10min

Discussion

14:15 - 15:05

**Poster Presentation A**

7 **SPM Studies on Bonghan Granule**  
**Ku Youn BAIK, Joonhyung KWON, Kwang-Sup SOH**  
Biomedical Physics Laboratory, Seoul National University

8 **The Magnetic Field Effects on The Motion of Bonghan Granules**  
**S.S.LEE<sup>2</sup>, H.S.YU<sup>1</sup>, BC LEE<sup>1,3</sup>, H.M.JOHNG<sup>1</sup>, S.OGAY<sup>1</sup> and KS SOH<sup>1</sup>**  
<sup>1</sup> Biomedical Physics Lab., School of Physics, Seoul National University  
<sup>2</sup> Nano-Bio Lab., Department of Oriental Biomedical Engineering.,  
Sangji Univ., Wonju, Korea  
<sup>3</sup> Research Institute of Basic Science, Seoul Nat'l Univ.

9 **Tracing the Meridian (Bonghan ducts) Using Fluorescent Magnetic Nanoparticles**  
**Joonhyung KWON<sup>1</sup>, Jung-Sun YOO<sup>1</sup>, Hyung Hwan KIM<sup>2</sup>,  
Changhoon LEE<sup>1</sup> and Kwang-Sup SOH<sup>1</sup>**  
<sup>1</sup>Biomedical Physics Lab., School of Physics, Seoul National Univ.  
<sup>2</sup>Brigham & Women's, Vascular Research Lab, USA

10 **Facilitation Ball Method**  
**Yoriko TANIGUCHI**, FBM Project

**( Oral Presentation )**

15:05

11 **Liquid-Phase Microextraction Method in Capillary Electrophoresis to  
Detect Adrenaline in Bonghan Liquid**  
**Jung Sun YOO<sup>1</sup>, Kihwan CHOI<sup>2</sup>, Ku Youn BAIK<sup>1</sup>,  
Doo Soo CHUNG<sup>1</sup> and Kwang-Sup SOH<sup>1</sup>**  
<sup>1</sup>Biomedical Physics Lab., School of Physics

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10min  
+ Translation  
5min

15:25 - 10min + 5min	Transla tion	12	<p style="text-align: right;"><sup>2</sup>Bioanalytical Chemistry Laboratory, School of Chemistry, Seoul National University</p> <p><b>UV-A-Induced Activation of Bonghan Granules in Motion</b></p> <p><b>Baeckkyoung SUNG<sup>1</sup>, Vyacheslav OGAY<sup>1</sup>, Jung Sun YOO<sup>1</sup>, Hyung Suk YU<sup>1</sup>, Byung-Cheon LEE<sup>1</sup>, Chan CHUNG<sup>2</sup>, Guhung JUNG<sup>2</sup> and Kwang-Sup SOH<sup>1</sup></b></p> <p style="text-align: right;"><sup>1</sup>School of Physics, Seoul National University <sup>2</sup>School of Biological Sciences, Seoul National University</p>	297
15:45 10min + 5min	Transla tion	13	<p><b>Analogy between the Magneto-Optical Properties of Fish Light Organ and the Bonghan System</b></p> <p style="text-align: right;"><b>Svetlana NORINA</b></p> <p style="text-align: right;"><sup>1</sup>Biomedical Physics Lab., School of Physics, Seoul National University <sup>2</sup> Physics Department, M.V. Lomonosov Moscow State University</p>	302
16:05 10min			Discussion	
16:15 - 30min			Comprehensive Discussion	
16:45 10min			Intermission	
			<b>Chairperson</b>	<b>Takeo OKU</b> , Osaka University
16:55 15min	P	14	<p><b>Impression and Spontaneous Blood Flow Change at the Temporal Lobe while Guessing for a Hidden Figure</b></p> <p style="text-align: right;">Hideyuki KOKUBO<sup>1,2</sup>, Mikio YAMAMOTO<sup>1,2</sup> and Tsuneo WATANABE<sup>3,2,1</sup></p> <p style="text-align: right;"><sup>1</sup> Institute for Living Body Measurements, International Research Institute <sup>2</sup> Center for the Environmental Study of Life and Mind, Faculty of Science, Toho University <sup>3</sup> Department of Environmental Science, Faculty of Science, Toho University</p>	306
17:15 15min	P	15	<p><b>Physiological Effects during Hypnosis</b></p> <p style="text-align: right;">Yoshio MACHI and Chao LIU</p> <p style="text-align: right;">Tokyo Denki University, Graduate School of Engineering Course: Human Body Scientific Research Room</p>	314
17:35 5min			Discussion	
17:40 - 15min	O		<p><b>Society Prize Ceremony</b></p> <p style="text-align: right;"><b>Kiichi TSUCHIYA</b>, <i>ISLIS</i> President Professor Emeritus, Waseda University, Japan</p> <p style="text-align: right;"><b>Kimiko KAWANO</b> Chairperson of Selection Committee for Society Prizes Nippon Medical School</p>	
18:00 - 20:00			<b>Banquet</b> [ Place: Collaboration Room ]	

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## September 3rd (Saturday)

8:30 -	Registration
9:00 - 5min	<b>Opening remarks</b>

**Yuzo HIGUCHI**, Chairperson of Organization Committee of the 20th Symposium  
**ISLIS** Vice President, Tokyo Institute of Technology

Chairpersons **Akihiko UCHIYAMA**, Waseda University  
**Masahiro KURITA**, Gunma Paz College

9:05 - 20min P 16 **The Living Human Study: Taking the Viewpoint of the Whole Person** 320  
Chao LIU and Yoshio MACHI  
Human Body Science Lab. Electronic Engineering Department,  
Graduate School of Engineering, Tokyo Denki University

9:30 - 15min P 17 **Quantity of Thermal Imaging in Human Dorsum 2** 326  
Seiya UCHIDA<sup>1</sup>, Yasutami TSUDA<sup>1</sup>, Kiyoshi SUZUKI<sup>2</sup>,  
Hisanobu SUGANO<sup>1</sup> and Kazuo NITTA<sup>1</sup>  
<sup>1</sup>MOA Health Science Foundation, <sup>2</sup> MOA Takanawa Clinic

9:50 - 15min P 18 **An Examination for Measuring the Softness of Human Shoulders (1)** 332  
Yasutami TSUDA, Seiya UCHIDA, Itsuo KURAMOTO,  
Hisanobu SUGANO and Kazuo NITTA  
MOA Health Science Foundation

10:10 - 20min P 19 **Characteristics of Liquor Fragrance Detection by an AT-cut Quartz Resonator Having a Lecithin or Squalene Film** 337  
Takashi AOKI<sup>1</sup>, Takashi FUJII<sup>1</sup> and Yoshinori ADACHI<sup>2</sup>  
<sup>1</sup>College of Engineering, Chubu University  
<sup>2</sup>College of Business Administration and Information Science, Chubu University

10:35 - 10min Discussion

Chairperson **Takashi AOKI**, Chubu University

10:45 - 15min P 20 **A Study on Synchronicity Based on Quantum Holographic Cosmology** 342  
Takeo OKU<sup>1</sup> and Manami OZAKI<sup>2</sup>  
<sup>1</sup> Institute of Scientific and Industrial Research, Osaka University  
<sup>2</sup>Department of Psycho-Sociology, Faculty of Literature, Tokai University

11:05 - 15min P 21 **A Study on Mechanism of Light Imagery** 354  
Takeo OKU<sup>1</sup> and Manami OZAKI<sup>2</sup>  
<sup>1</sup> Institute of Scientific and Industrial Research, Osaka University  
<sup>2</sup> Department of Psycho-Sociology, Faculty of Literature, Tokai University

11:25 - 10min Discussion

11:35 - 85min Lunch Time  
**ISLIS** Society Meeting

Chairperson **Tsuneo WATANABE**, Toho University

13:00 - 15min P 22 **Development of an Assessment Tool on Spirituality Explained by Three Domains, Will, Joy and Sense: From a Holistic Educational Approach** 364  
Manami OZAKI  
Department of Psycho-Sociology, Faculty of Literature, Tokai University

13:20 - 15min P 23 **Research Method of Spirituality in Consciousness Studies - A Challenge to Overcome Category Error and Reductionism** 370  
Manami OZAKI<sup>1</sup> and Takeo OKU<sup>2</sup>  
<sup>1</sup> Department of Psycho-Sociology, Faculty of Literature, Tokai University  
<sup>2</sup> Institute of Scientific and Industrial Research, Osaka University

13:40  
10min Discussion

13:50 - 14:00 Intermission

14:00 - 16:30	24	<b>&lt; Workshop 1 &gt;</b> Chairperson <b>Facilitation Ball Method</b>	<b>Yoichiro SAKO</b> , Sony Corporation <b>Yoriko TANIGUCHI</b> , FBM Project	381
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14:00 - 16:30	25	<b>&lt; Workshop 2 &gt;</b> Chairperson <b>"KIDOUJUTU"</b>	Mikio YAMAMOTO, International Research Institute ( <b>IRI</b> ) <b>Japan Kidoujutu Society</b> Masayuki SUZUKI, Takaki SUZUKI, Yoshitaka TSUJIMURA, Takashi HORIKAWA, Takao UMEDA, Hiroshi UEDA, Tsuyoshi ISOGAI, Yasuyuki SAHARA and Hiroshi KANEKO	383
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16:35 - 17:00 **Selection Committee for Society Prizes**  
**Kimiko KAWANO**  
Chairperson of Selection Committee for Society Prizes

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## September 4th (Sunday) Free Open for Public “Human Potential Science”

**General Chairperson** Mikio YAMAMOTO, International Research Institute (**IRI**)

8:30 - Registration

9:00 - 5min. **Opening remarks**  
**Yuzo HIGUCHI**, Chairperson of Organization Committee of the 20th Symposium  
**ISLIS** Vice President, Tokyo Institute of Technology

**President Greetings**  
**Kiichi TSUCHIYA**, **ISLIS** President, Professor Emeritus, Waseda University

9:05	26	<b>&lt; Special Lecture &gt;</b> Chairperson <b>The 10th Anniversary of the Founding of the International Society of Life Information Science (ISLIS)</b>	<b>Kiichi TSUCHIYA</b> , <b>ISLIS</b> President, Professor Emeritus, Waseda University <b>Mikio YAMAMOTO</b> , <b>ISLIS</b> Chairman of the Board of Directors & Editor-in-Chief Vice Chairman of the Board of Directors, International Research Institute ( <b>IRI</b> )	221
9:35	27	<b>Does Psi Exist?</b>	<b>Yoshio MACHI</b> , <b>ISLIS</b> Vice President, Tokyo Denki University	384
10:05	28	<b>Hologram of Mind and Life</b>	<b>Takeo OKU</b> <b>ISLIS</b> Director, Institute of Scientific and Industrial Research, Osaka University	388

10:35 15min	29	<p><b>&lt; Special Demonstration &gt;</b> Chairperson</p> <p><b>Yoshio MACHI</b>, Tokyo Denki University <b>Chao LIU</b></p>	385
10:50 25min	30	<p><b>&lt; Special Lecture &gt;</b> Chairperson</p> <p><b>Tokuro NOBECHI</b>, <i>ISLIS</i> Academic Advisor</p> <p><b>Energy Conservation for the Brain</b> <b>Kimiko KAWANO</b>, <i>ISLIS</i> Vice President, Nippon Medical School</p>	384
11:20 25min	31	<p><b>Imaging Approach to Mind and Brain</b></p> <p><b>Masatoshi ITOH</b> <i>ISLIS</i> Vice President, Tohoku University</p>	384
11:50 - 13:00 70min		<b>Lunch Time [ International Research Institute (IRI) Free Discussion Meeting ]</b>	
13:00 15min	32	<p><b>&lt; Special Demonstration &gt;</b> Chairperson</p> <p><b>Yuzo HIGUCHI</b>, Tokyo Institute of Technology <b>Ling Yieng XING</b></p>	385
13:15 25min	33	<p><b>&lt; Special Lecture &gt;</b> Chairperson</p> <p><b>Masatoshi ITOH</b>, Tohoku Univesity</p> <p><b>KANSEI Informatics and Qi</b> <b>Mami KIDO</b>, <i>ISLIS</i> Director, Tohoku-Gakuin University</p>	384
13:45 25min	34	<p><b>“Qi and Heart” as Essentials for Future Medical Care</b></p> <p><b>Yoshihiro UEDA</b>, <i>ISLIS</i> Director, Dept. of Physiology, Kansai College of Oriental Medicine</p>	385
14:15 25min	35	<p><b>&lt; Special Demonstration &gt;</b> Chairperson</p> <p><b>Yuzo HIGUCHI</b>, Tokyo Institute of Technology <b>Xiang Young ZHANG</b></p>	385
14:45 15min	36	<p><b>&lt; Special Lecture &gt;</b> Chairperson</p> <p><b>Masatoshi ITOH</b>, Tohoku Univesity</p> <p><b>At the Forefront of Integrative Medicine</b> <b>– The 21st Century is the Age of Higher-dimensional Spiritual Medicine</b> <b>Yuzo HIGUCHI</b>, <i>ISLIS</i> Vice President, Tokyo Institute of Technology</p>	385
15:00 - 5min.		<p><b>Introduction to the next Symposium: March 17-19, 2006</b> <b>The 10th Anniversary of <i>ISLIS</i> foundation• The 21st Symposium</b> <b>Yoshihiko KOGA</b>, Chairperson of Organizing Committee, Kyorin University</p>	
15:05		<p><b>Closing Remarks</b> <b>Yuzo HIGUCHI</b>, Chairperson of Organization Committee of the 20th Symposium <i>ISLIS</i> Vice President, Tokyo Institute of Technology</p>	
15:10		<b>Closing</b>	

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