International Society of Life Information Science (ISLIS)

Program

The Ninth Symposium on Life Information Science
March 3-4, 2000, Tokyo Institute of Technology, Tokyo

Chairperson  Mikio YAMAMOTO, ISLIS Chairman of the Board of Directors
National Institute of Radiological Sciences (NIRS)

March 3 (Friday)

9:00-    Registration

9:30-  Opening Remarks

Chairpersons  Mami KIDO, Tohoku Gakuin University
Kiminori ITOH, Yokohama National University

9:35- 1  < Project Report >
Study on Analyzing Methods of Human Body Functions
Using Various Simultaneous Measurements (VSM)
  The Fifth Year Report of the 5-Year Project Supported by
Science and Technology Agency (STA), Japan

Mikio YAMAMOTO1, Masahiko HIRASAWA1, Hideyuki KOKUBO1,
Masataka TANAKA1, Kimiko KAWANO1,2, Dmitri V. PARKHOMTCHOUK1,
Tong ZHANG1, Nobuo FUKUDA1, Tsuyoshi HIRATA1, Shio MURAKAMI1,
Teruyoshi MOROE1, Katsuhiko MAKINO1, Hisaki KITAGAWA1,
Tomoko KOKADO1, Junko TANIGUCHI1, Atsuko NAKAMURA1,
Mieko KURANO1, Akira FURUKAWA1, Masahide FURUKAWA1,
Toru MATSUMOTO1, Hideaki SAKAIDA2 and Yoshio MACHI1
1National Institute of Radiological Sciences (NIRS), 2Nippon Medical School,
1National Institute of Radiological Sciences, 2Nippon Medical School

10:05- 2  Physiological Measurements during Qigong Training

Masataka TANAKA1, Hideyuki KOKUBO1, Masahiko HIRASAWA1,
Tomoko KOKADO1, Junko TANIGUCHI1, Mieko KURANO1, Akira FURUKAWA1,
Toru MATSUMOTO1, Hideaki SAKAIDA2 and Yoshio MACHI1
1National Institute of Radiological Sciences, 2Nippon Medical School

10:30- 3  Low Noise System with Optical Cable Probe for Ultra-weak
Photon Emission Measurements from Living Matter

Dmitri V. PARKHOMTCHOUK, Masahiko HIRASAWA and Mikio YAMAMOTO,
National Institute of Radiological Sciences

11:00-11:10  Intermission

Chairpersons  Yoshio MACHI, Tokyo Denki University
Yasuo YOSHIHUKU, Chubu University

11:10- 4  EEG Analysis of Children While Concentrating on Tasks  Part II

Kimiko KAWANO1,2, Mikio YAMAMOTO1, Masahiko HIRASAWA2,
Hideyuki KOKUBO1, Masataka TANAKA1, Tomoko KOKADO1
Mieko KURANO1, Akira FURUKAWA1, Masahide FURUKAWA1,
Toru MATSUMOTO1, Hideaki SAKAIDA2 and Nobuo Fukuda1
1National Institute of Radiological Sciences, 2Nippon Medical School

11:40- 5  Analysis of Electrodermal Activity (EDA) in Remote Perception Task
Using Electromagnetic Shield Cage

Hideyuki KOKUBO1, Mikio YAMAMOTO1, Masahiko HIRASAWA1,
Kimiko KAWANO1, Tomoko KOKADO1, Junko TANIGUCHI1 and Nobuo FUKUDA1
1National Institute of Radiological Sciences, 2Nippon Medical School

12:10- Introduction of ISLIS Advisors
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<thead>
<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tr>
<td>13:50-15:00</td>
<td>REM Sleep-Like Response Hypothesis on the Neurophysiological Changes Due to Sustained Attention in Qigong</td>
<td>Tong ZHANG\textsuperscript{1,2}, Masahiko HIRASAWA\textsuperscript{1}, Mikio YAMAMOTO\textsuperscript{3} and Kimiko KAWANO\textsuperscript{3,4}</td>
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<td>15:00-15:15</td>
<td>Endocrine Changes during Cosmic Corbit Meditation of Qigong</td>
<td>Yuzo HIGUCHI\textsuperscript{1}, Yasunori KOTANI\textsuperscript{1}, Hironobu HIGUCHI\textsuperscript{2}, Yongchang YU\textsuperscript{1} and Shinichiro MOMOSHE\textsuperscript{4}</td>
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<td>14:45-15:00</td>
<td>Intermission</td>
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<tr>
<td>15:00-16:00</td>
<td>&lt; Special Lecture 1 &gt; A Trial Psychosomatic Treatment for Cancer</td>
<td>Jinroh ITAMI (Shibata Hospital)</td>
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<tr>
<td>16:05-16:15</td>
<td>Greeting Address from ISLIS Special Advisor</td>
<td>Yuji YAMAMOTO (ISLIS Special Advisor)</td>
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<tr>
<td>16:15-17:15</td>
<td>&lt; Special Lecture 2 &gt; Clinical and Basic Research on Biological Medicine</td>
<td>Yukie NIWA (Director, Tosashimizu Hospital)</td>
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**March 4 (Saturday)**

Chairperson  Mikio YAMAMOTO, ISLIS Chairman of the Board of Directors National Institute of Radiological Sciences (NIRS)

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<th>Time</th>
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<tr>
<td>8:30-9:00</td>
<td>Registration</td>
<td>Kimiko KAWANO, Nippon Medical School, Yoichiro SAKO, Sony Corporation</td>
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<tr>
<td>9:00-10:00</td>
<td>Analysis of Intellectual Resonance (or Synchronization) Using a Card Game (6) Influence of Repetition within Two Days</td>
<td>Masahiro KURITA (Department of Internal Medicine, Faculty of Medicine, University of Tokyo)</td>
</tr>
</tbody>
</table>
9:25- 11 Analysis of Intellectual Resonance (or Synchronization) Using a Card Game (7)
Influence of Seating Position
Masahiro KURITA
Department of Internal Medicine, Faculty of Medicine, University of Tokyo

9:45- 12 A Five-year Study on the Relationships between ƒ¿-Waves and Business Performance for a Japanese Businessman
Akiyoshi OSHIMA
WORD Laboratories Inc.

10:15- 13 Studies on the Localization of Meridian and Acupuncture Points Using the Bi-Digital O-Ring Test: A Study on the Large Intestine Meridian
Toshikatsu KITADE¹ and Katsuji KUROKAWA²
¹Meiji University of Oriental Medicine, ²Kurokawa Acupuncture Clinic

10:15-10:35 Intermission

Chairpersons
Masahiro KURITA, Tokyo University
Toshikatsu KITADE, Meiji University of Oriental Medicine

10:55- 14 Effects of Body Touching Therapy on the Elderly
Keiko TATSUMI¹, Yoshinori ADACHI², Yoshitake YOKOTA¹, Manabu ASHIKAGA¹, Shizuko TANAKA¹ and Toshiaki SAKAI¹
¹Aino Gakuin College, ²Chubu University

11:20- 15 Bio-psychological Effects of Color
Mami KIDO
Tohoku Gakuin University

11:45- 16 Sound Effect of a Music Box on EEG
Yoshihiro UEDA¹, Hitoshi KASHIBA¹, Masaaki ISHII¹, Toshio YANAGIDA², Yuri KITAMURA² and Yoshikatsu SAeki¹
¹Kansai College of Oriental Medicine, ²Medical School, Osaka University

12:10-13:10 Lunch Time (12:10-13:00 Society Members’ Meeting)

Chairpersons
Yoshihiro UEDA, Kansai College of Oriental Medicine
Takashi AOKI, Chubu University

13:10- 17 A Study of Infrared Measurements during Qigong
Hideaki SAKAIDA¹, Hideyuki KOKUBO², Mikio YAMAMOTO², Masahiko HIRASAWA², Kimiko KAWANO² and Yoshio MACHI¹
¹Tokyo Denki University, ²National Institute of Radiological Sciences, ³Nippon Medical School

13:35- 18 The Effect of the Controlled Respiration Period on Physiological Phenomena
Chao LIU¹, Yoshio MACHI¹ and Toshinori SUMI¹
¹Tokyo Denki University, ²Keio University

14:30- 19 Physiological Effects of the Vocalizations in the Six-Word Practice
Chao LIU and Yoshio MACHI
Faculty of Engineering, Tokyo Denki University

14:35-14:45 Intermission

14:45- 20 < Practical Session > Chairperson Yuzo HIGUCHI, Tokyo Institute of Technology
Proposal for the Study on Qigong Therapy
Yongxiang ZHANG
Director, Asian Qigong Clinic

15:35- Discussion

16:05- Closing Remarks
Yuzo HIGUCHI
Chairperson of Organization Committee of the Symposium, ISLIS Managing Director
Tokyo Institute of Technology