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
Kimiko KAWANO, ISLIS President
Nippon Medical School

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

9:35- < 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,
Masatake TANAKA2, Kimiko KAWANO3,4, Dmitri V. PARKHOMTCHOUK2,1,
Tong ZHANG1, Nobuo FUKUDA1, Tsuyoshi HIRATA2, Shio MURAKAMI2,
Teruyoshi MOROE2, Katsuhiko MAKINO1, Hisaaki KITAGAWA1,
Tomoko KOKADO1, Junko TANIGUCHI1, Atsuko NAKAMURA1,
Mieko KURANO1, Akira FURUKAWA1, Masahide FURUKAWA1,
Toru MATSUMOTO1, Hideaki SAKAIDA4 and Yoshio MACHI1
1National Institute of Radiological Sciences (NIRS), 2Nippon Medical School,
3Nec Corporation, 4Tokyo Denki University

10:05- Physiological Measurements during Qigong Training
Masatake TANAKA1, Hideyuki KOKUBO1, Masahiko HIRASAWA1,
Tomoko KOKADO1, Junko TANIGUCHI1,
Mikio YAMAMOTO1 and Kimiko KAWANO3,4
1National Institute of Radiological Sciences, 2Nippon Medical School

10:30- 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- EEG Analysis of Children while Concentrating on Tasks — Part II
Kimiko KAWANO2,4, Mikio YAMAMOTO2, Masahiko HIRASAWA2,
Hideyuki KOKUBO3, Tomoko KOKADO1,4,
Junko TANIGUCHI1 and Masatake TANAKA2
1Nippon Medical School, 2National Institute of Radiological Sciences

11:40- Analysis of Electrodermal Activity (EDA) in Remote Perception Task
Using Electromagnetic Shield Cage
Hideyuki KOKUBO1, Mikio YAMAMOTO1, Masahiko HIRASAWA1,
Kimiko KAWANO2,4, Tomoko KOKADO1,4,
Junko TANIGUCHI1 and Nobuo FUKUDA1
1National Institute of Radiological Sciences, 2Nippon Medical School

12:10- Introduction of ISLIS Advisors

Chairpersons: Masatoshi ITOH, Tohoku University
Yoshinori ADACHI, Chubu University

13:50- 6 REM Sleep-Like Response Hypothesis on the Neurophysiological Changes Due to Sustained Attention in Qigong

Tong ZHANG1,2, Masahiko HIRASAWA1, Mikio YAMAMOTO1 and Kimiko KAWANO1,3
1National Institute of Radiological Sciences, 2Ochanomizu Women's University, 3Nippon Medical School

14:20- 7 Endocrine Changes during Cosmic Corbit Meditation of Qigong

Yuzo HIGUCHI1, Yasunori KOTANI1, Hironobu HIGUCHIF, Yongchang YU3 and Shinichiro MOMOSE4
1Tokyo Institute of Technology, 2College of Medical Science, Tohoku University
3International Qigong Association, 4Momose Hospital

14:45-14:55 Intermission

14:55- 8 < Special Lecture 1 >
A Trial Psychosomatic Treatment for Cancer — Meaningful Life Therapy —

Chairperson: Yuzo HIGUCHI
Tokyo Institute of Technology

Jinroh ITAMI
Department for Intractable Diseases, Shibata Hospital

16:05- Greeting Address from ISLIS Special Advisor

Yuji YAMAMOTO
ISLIS Special Advisor
President, Human Science Association of Diet Members, Japan
Senior State Secretary for Justice

16:15- 9 < Special Lecture 2 >
Clinical and Basic Research on Biological Medicine
Amalgamated with Western Medicine — Causes and Treatment of Atopic Dermatitis, Malignancy and Collagen Disease —

Chairperson: Kazuhiro ATSUMI
Japanese Association for Alternative, Complementary and Traditional Medicine (JACT)

Yukie NIWA
Director, Tosashimizu Hospital

17:30-20:30 Banquet

March 4 (Saturday)
Chairperson: Mikio YAMAMOTO, ISLIS Chairman of the Board of Directors
National Institute of Radiological Sciences (NIRS)

8:30- Registration

Chairpersons: Kimiko KAWANO, Nippon Medical School
Yoichiro SAKO, Sony Corporation

9:00- 10 Analysis of Intellectual Resonance (or Synchronization) Using a Card Game (6)
Influence of Repetition within Two Days

Masahiro KURITA
Department of Internal Medicine, Faculty of Medicine, University of Tokyo
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 α-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 Katsuj 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 TAKSUMI1, Yoshinori ADACHI1, 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 HIRASAWA, Kimiko KAWANO3 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