

International Conference on Mind Body Science

*-Physical and Physiological Approach-
joint with*

***The Eighteenth Symposium on Life Information Science
(International Version)***

26-29th August 2004, *Yonsei Univ.*, Seoul, Korea

August 26th (Thursday)

18:00~ Reception

August 27th (Friday)

Session A

- 08:30~09:00 Registration
- 09:00~09:05 **Opening Remarks**
Se-il Chun M.D., Pochon CHA University
- 09:05~09:30 **Invited Special Lecture: Mind Body Science Research in Korea**
Se-il Chun M.D., Pochon CHA University
- 09:30~10:00 **Status of Studies with Physical and Physiological Measurements in Japan**
Yamamoto
Mikio YAMAMOTO, Ph.D., Yamamoto Bio-Emission Laboratory, NIRS
- 10:00~10:20 **Physiological Evaluation of External Qigong Masters for Qigong Treatments**
Yoshio MACHI and Chao LIU
Graduate School of Engineering, Tokyo Denki University, Human Body Science Lab.(Tokyo, Japan)
- 10:20~10:40 **Qi as Biophotonic Information Flux of DNA in the Bonghan System**
Kwang-Sup Soh
Biomedical Physics Lab., School of Physics, Seoul National University, Seoul, 151-747, Korea
- 10:40~11:00 **Quantitative Experiments on Remote Action Toh-ate**
Hideyuki KOKUBO^{1,2}, Hideo YOICHI^{1,2} & Mikio YAMAMOTO^{2,1}
1. International Research Institute (Chiba, Japan)
2. Yamamoto Bio-Emission Laboratory, National Institute of Radiological Sciences (Chiba, Japan)

- 11:00~11:20 **Anticancer Effect of Alkaline Reduced Water**
 Kyu-Jae LEE^{1,2}, Seung-Kyu PARK^{1,2}, Jae-Won KIM¹, Gwang-Young KIM¹, Young-Suk RYANG⁵, Geun-Ha KIM¹, Hyun-Cheol CHO³, Soo-Kie KIM^{2,3}, and Hyun-Won KIM^{2,4}
1 Dept. of Parasitology, 2 Institute of Basic Medical Sciences, 3 Dept. of Microbiology, 4 Dept. of Biochemistry, Wonju College of Medicine, Yonsei Univ. (Wonju , Korea)
5Dept. of Biomedical Laboratory Science and Institute of Health Science, College of Health Science, Yonsei Univ. (Wonju , Korea)
- 11:20~11:40 **Side Effect Reduction in Hemodialysis Patient with External Qigong**
 Toshio SATO¹, Norimichi KAWASHIMA¹ and Tetsuzo AGISHI²
¹Faculty of Engineering, Toin University of Yokohama (Yokohama, Japan)
²Blood Purification Center, Itabashi Chuo General Hospital (Tokyo, Japan)
- 11:40~12:00 **Effects of Qi-therapy (External Qigong) on Autonomic Nervous System: A Randomized Placebo Controlled Pilot Trial**
 Myeong Soo LEE,^{1*} Hye-Sook JANG,² Sun-Rock MOON¹
¹Center for Integrative Medicine, Institute of Medical Science, Wonkwang University (Iksan , Korea)
²Dpartment of Nursing, Wonkwang Health Science College (Iksan, Korea)
- 12:00~13:00 **Lunch Time**
- 13:00~13:30 **<Invited Special Lecture: Dr. ATSUMI >**
Bridging from Conventional Medicine to Complementary & Alternative Medicine (CAM) through Bio-Medical Engineering
 Kazuhiko ATSUMI, M.D., Ph.D., Prof. Emeritus, University of Tokyo
- 13:30~14:00 **Remote Qi Emission in the Case of Differing Distances**
 Yoshitsugu HAYASHI¹, Yuzo HIGUCHI² and Xiang Yong ZHANG³
*¹Musashino Treatment Center (Saitama, Japan),²Tokyo Institute of Technology (Tokyo, Japan),
³Qigong Master Training School (Tokyo Japan)*
- 14:00~14:20 **The Practice of Six-sound Qigong and an Evaluation**
 Chao LIU , Masahiro SUZUKI and Yoshio MACHI
 Human Body Science Lab. Electronic Engineering,
 Graduate School of Engineering, Tokyo Denki University (Tokyo, Japan)
- 14:40~14:40 **Concept of Ki according to the Korean scripture, Sam Il Shin Go**
 Gun-Woong Bahng
 Korea Research Institute of Standards and Science
- 14:40~15:00 **Coffee Break**
- 15:00~16:00 **POSTER**

16:00~16:40

Holistic meridians: Alternative therapy for skin care

Nam Hoon Ahn

Holistic Meridian Research Institute., Seoul, Korea

16:40~17:20

A pimple management method through " Organ massage inner beauty"

Yeo Myeong Lee ¹, Bong-Gi Choi², and Hee-Chang Ryoo²

¹*Korea Healing Tao, Dongwon BLDG..Rm 202, 119-1, Waryong-Dong, Jongro-Gu, Seoul, Korea*

²*Skin Care R&D Center of Skin Science and Cosmetics ENPRANI CO.,LTD*

17:20~18:00

A course to be the beauty; Ayurveda

Young-Joo Lee¹, Jung-Suk Kim¹, Hyung-Kyo Kim², and Hee-Chang Ryoo²

¹*Korea Ayurveda Research Center., Seoul, Korea*

²*Skin Care R&D Center of Skin Science and Cosmetics ENPRANI CO.,LTD*

August 27th (Friday)

Session B

10:00~10:20

Biophoton Emission and Blood Flow in the Human Hand

Joon-Mo Yang, Changhoon Lee, Seung-Ho Yi, Jong-Soo Yang, Kwang-Sup Soh
School of Physics, Seoul National Univ. (Seoul, Korea)

10:20~10:40

Influences of Irradiation by Interference DC Opposed-fields on Electrodermal Activitie

Takashi AOKI¹, Yoshinori ADACHI², Yasuo YOSHIHUKU¹ and Katsushi YOSHIDA³

¹*College of Engineering, Chubu University (Aichi, Japan)*

²*College of Business Administration and Information Science, Chubu University (Aichi, Japan)*

³*Faculty of Arts and Sciences, Chubu University (Aichi, Japan)*

10:40~11:00

Biophoton emission from patients with a cold

Changhoon LEE¹, Joon-Mo YANG¹, Seung-Ho YI¹, Hyun-Joo CHO², Myoung-Ja KANG²
Jong-Soo YANG¹ and Kwang-Sup SOH¹

¹*School of Physics, Seoul National Univ. (Seoul, Korea)*

²*Conmaul Oriental Hospital (Seoul, Korea)*

11:00~11:20

Consciousness and Recognition of Five Colors -Using Functional- MRI and Brain Wave Measurements

Yoshihiro UEDA, Kouei HAYASHI, Kyoichi KUROIWA, Naoki MIYOSHI,
Hitoshi KASHIBA and Daisuke TAKEDA

Dept. of Physiology, Kansai College of Oriental Medicine (Osaka, Japan)

11:20~11:40

Examination of Abdomen Surface Skin Temperature with Static Magnetic Field body heat analysis by IR photograph [Taihoe KOO]

Taihoe KOO^{1,2}, Mignon PARK², Hanseo KOO¹

¹*Hanseo Center for Biomagnetic Studies (Seoul, Korea)*

²*Intelligent Control System Lab, The Graduate School of Yonsei University (Seoul, Korea)*

11:40~12:00

Changes in EEGs and Other Physiological Indicators while Listening to Healing Music [KAWANO]

12:00~13:00

Lunch Time

13:30~14:00

Scientific Spiritual Healing [Jer Master CSB]

JER MASTER CSB

Board of Lectureship, The First Church of Christ, Scientist

Boston, MA 021115, U.S.A.

- 14:00~14:20 **Variation of Biophoton Emission Rate by Magnetic stimulation using Han-Seo Meridian Magnetic Therapy**
 Sang-Hyun Park¹, Tai-Hoe Koo², Dong Hoon Kim³, Joon-Mo Yang¹, Seung-Ho Yi¹, Jong-Soo Yang⁴,
 Han-Seo Koo², Sung Muk Lee³, and Kwang-Sup Soh¹
¹*Biomedical Physics Lab., School of Physics, Seoul National University, Seoul, Korea*
²*Han-Seo Center for Bio-Magnetic Meridian Research, Seoul, Korea*
³*Department of Physics Education, Seoul National University, Seoul, Korea*
⁴*Graduate School of East-West Medical Science, Kyung Hee University, Korea*
- 14:20~14:40 **Pharmaco-acupuncture in clinical medicine**
 Yong-Mo Ahn M.D., Ph.D.
 563-15 Shinsa-dong Kangnam-ku, Seoul 135-891, Korea
- 14:40~15:00 **Coffee Break**
- 15:00~16:00 **POSTER**
- 16:00~16:20 **The Meaning of yoga "recombination" - A discussion of immunological change in yogic practice**
 Tsutomu KAMEI^{1,2}, Kohji MURATA^{1,2}, Nobutaka SUZUKI² and Keishin KIMURA³
 1Shimane Institute of Health Science (Izumo, Japan),
 2Kanazawa University Graduate School of Medical Science (Kanazawa, Japan)
 3Japan Yoga Niketan (Yonago, Japan)
- 16:20~16:40 **Establishment of criteria for Heart Disease with Survey study in Oriental Medicine**
 Sun Mi Choi*, Yeon Hee Ryu, Jin Suk Moon, Joung Yeol Kim, Kyung Mo Park¹, Ee Hwa Kim, Chan Gil Jeung², Hyun Jea Sung², Yoo sik Yoon, Kyoo Seok Ahn³
Medical Research & Development Team, Korea Institute of Oriental Medicine, 1 : Department of biomedical Engineering, Kyunghee University, 2 : College of Oriental Medicine, Semyung University, 3 : Kyunghee University Oriental Medical College, Pathology Laboratory
- 16:40~17:00 **The Experimental Study on the Effects of Pause Breathing Patterns on Heart Rate Variability**
 Yijun SUN¹, Tianjun LIU¹, Yoshio MACHI² and Chao LIU²
¹*Acupuncture College, Beijing University of Chinese Medicine (Beijing, China)*
²*Department of Electronic Engineering, Tokyo Denki University (Tokyo, Japan)*
- 17:00~17:20 **Planck's Constant " h " and " Qi " in the Uncertainty Principle**
 Yong-Jong Kim
 Japanese Association for Comparative Philosophy(Tokyo,Japane)
 The Star Club of Nagoya University(Nagoya, Japan)

17:20~17:40

A new method of measuring permittivities of foods and bodies by using a dip meter

Shoji SUZUKI¹, Yoshinori ADACHI², Tohru NAKANO¹ and Kazuhide UESUGI³

¹ *Suzuka National College of Technology(Mie Japan)*

² *College of Business Administration and Information Science,
Chubu University (Aichi Japan)*

³ *Kumamoto National College of Technology(Kumamoto Japan)*

17:40~18:00

Protective effect of Ginseng Radix on the interference of cell proliferation induced by maternal separation in the dentate gyrus of rat pups

Hyun-Mi KIM¹, Myung-Gyou KIM², Hee-Jae LEE³, Joo-Ho CHUNG³, Ee-Hwa KIM², Kang-Hyun LEEM² and Hoon JEON⁴

¹ *Department of Pharmaceutical Lab., Central Research Institute, Ilyang Pharm Co., Kyunggi 449-120, South Korea*

² *College of Korean Medicine, Semyung University, Chungbuk 390-711, South Korea*

³ *Kohwang Medical Research Institute, College of Medicine, Kyung Hee University, Seoul 130-701, South Korea.*

⁴ *College of Pharmacy, Woosuk University, Chonbuk 565-701, South Korea*

August 27th (Friday)

18:00~

Banquet

August 28th (Saturday)

Session A

- 08:30~09:00 **A Study on Consciousness and Life Energy Based on Quantum Theory and Holographic Principle**
Takeo OKU
Institute of Scientific and Industrial Research, Osaka University (Osaka, Japan)
- 09:00~09:20 **Delayed luminescence imaging system and its application**
Changhoon LEE, Joon-Mo YANG, Sang-Heun Park, Seung-Ho YI, Jong-Soo YANG and Kwang-Sup SOH
School of Physics, Seoul National Univ. (Seoul, Korea)
- 09:20~09:40 **Beneficial Effects of the Nishino Breathing Method on the microcirculatory response, the immune activity and the stress level**
Yukio TANAKA, Ph.D. ¹⁾, Hiroko KIMURA, M.D. ²⁾, Ako SHIMABUKURO, M.D. ³⁾,
Shuji ABE, M.D. ³⁾, and Tokuro NOBECHI, M.D., Ph.D. ⁴⁾
¹⁾Tokyo University of Agriculture and Technology, ²⁾Juntendo University School of Medicine
³⁾Tokyo Fuchu Hospital, ⁴⁾Former director, St. Luke's International Hospital
- 09:40~10:00 **Bonghan Ducts on the Surface of RAT Internal Organs**
Byung-Cheon Lee¹, Eun-sung Park², Tae Jeong Nam¹, Hyeon-Min Johng¹,
Ku Youn Baik¹, Baekkyoung Sung¹, Yeo-Sung Yoon², Kwang-Sup Soh¹⁺
¹*Biomedical Physics Lab., School of Physics, Seoul National University, Seoul, 151-747, Korea*
²*Department of Veterinary Histology, College of Veterinary Medicine, Seoul National University, Seoul, 151-747, Korea*
- 10:00~10:20 **Coffee Break**
- 10:20~10:40 **Unique Duct System and the Corpuscle-Like Structures Found on the Surface of the Liver**
Kyu Jae LEE¹, Soyeon KIM², Tae Eul JUNG¹, Dan JIN³, Dong Hui KIM⁴, Hyun-Won KIM⁵
¹*Dept. of Parasitology, ³Microbiolog, ⁴Biology, ⁵Biochemistry, Wonju College of Medicine, Yonsei Universit*
(Wonju, Korea)
²*Bokung Lagnevity Institute (Chungju, Korea)*
- 10:40~11:00 **Different Levels of Tubular Structures Exist Inside Bonghan Duct**
Dong Hui KIM¹, Kyu Jae LEE², Tae Eul JUNG², Dan JIN³, In-Bai CHUNG⁴, Soyeon KIM⁵, Hyun-Won KIM⁶
Dept. of ¹Biology, ²Parasitology, ³Microbiology, ⁴Obstetrics and Gynecology, ⁶Biochemistry, Wonju College of Medicine, Yonsei University (Wonju, Korea)
⁵*Bokung Lagnevity Institute (Chungju, Korea)*

11:00~11:20

Bonghan Ducts on the Surface of Rat Liver

Hyun-Min Johng, Hak-Soo Shin, BC Lee, Ku-Youn Baik, Kwang-Sup Soh+

Biomedical Physics Lab., School of Physics, School of Physics, Seoul National University, Seoul, 151-747, Korea

11:20~11:40

Histology of threadlike structure inside blood vessel

Ku-Youn Baik^{1*}, Eun Sung Park^{2*}, Byung-Cheon Lee¹, Hak-Soo Shin¹, Chunho Choi¹, Seung-Ho Yi¹, Hyun-Min Johng¹, Tae Jeong Nam¹, Kyung-Soon Soh³, Yong-Sam Nahm², Yeo Sung Yoon², In-Se Lee², Se-Young Ahn⁴ and Kwang-Sup Soh¹

¹*Biomedical Physics Lab., School of Physics, Seoul National University, Seoul, 151-747, Korea*

²*Department of Anatomy and Cell Biology, College of Veterinary Medicine, Seoul National University*

³*College of Oriental Medicine, Sae Myung University, ChungBook, Korea*

⁴*Institute of Biomedical Engineering, Solco Biomedical Co., Seoul, Korea*

*These two authors contributed equally to this work

11:40~12:00

True Health

JER MASTER CSB

Board of Lectureship, The First Church of Christ, Scientist

Boston, MA 021115, U.S.A.

Session B

08:30~09:00

Measurement of Bio-Magnetic Fields from Human Hands During Qi Emission

H. S. Shin¹⁺, K. Y. Baik¹, K. S. Soh¹, S. J. Ko²

¹*School of Physics, Seoul National University, Seoul 151-747, Korea*

²*Oorinara Co., Ltd, Seoul Korea*

09:00~09:20

Anomalous Magnetism Observed Around A Human Body

Shoichiro KOMAKI^{1,2}, Hideo YOICHI^{1,2}, Yuji ONO¹ and Susumu SAKURAI¹

¹*Institute of New Energy and Electricity (Tokyo, Japan),*

²*National Institute of Radiological Sciences (Chiba, Japan)*

09:20~09:40

Clinical Improvement in cancer patients through alternative medicine, mainly fucoidan

Shinji Nishimoto

Nishimoto Daini Clinic (Wakayama, Japan)

09:40~10:00

Effects of Corydalis Tuber on synthesis of NO and PGE₂ in murine macrophage RAW 264.7 cells stimulated by LPS [Ee-Hwa KIM]

Ki-Young LEE¹, Sung-Ho PARK¹, Jeongseon KIM², Mi-Hyeon JANG³, Chang-Ju KIM³, Ee-Hwa KIM⁴

¹*Department of Acupoint & Meridian, College of Oriental Medicine, Semyung University, Jechon, Korea*

²*Department of Food & Nutrition in Oriental Medicine, College of Oriental Medicine, Semyung University, Jechon, Korea*

³*Department of Physiology, College of Medicine, Kyung Hee University, Seoul, Korea*

⁴*Korea Institute of Oriental Medicine, Daejeon, Korea*

10:00~10:20	Coffee Break
10:20~10:40	Free from Anxiety Program (FAP)-A New Psychotherapy possibly Through Mirror Neurons Fumio KUTO <i>Sio-Insight Clinic (Tokyo, Japan)</i>
10:40~11:00	Related Factors with Sa-Sang Constitution Jeongseon KIM ¹ , Hye-Jung KANG ¹ , Jung-Min KIM ¹ , Ee-Hwa KIM ² ¹ <i>Department of Food & Nutrition in Oriental Medicine, Semyung University, Jechon, Korea</i> ² <i>Department of Meridian & Acupoint, College of Oriental Medicine, Semyung University, Jechon, Korea</i>
11:00~11:20	Physiological Response to Unpleasant Sounds Akio HORII ¹ , Chigusa YAMAMURA ¹ , Tomomichi KATSUMATA ¹ and Akihiko UCHIYAMA ¹ ¹ <i>Graduate School of Science and Engineering, Waseda University (Tokyo, Japan)</i>
11:20~11:40	Effects of Music on Physiological Measurements and Mood States, and Their Correlation with Impression of the Music Keiko Momose ¹ , Yukihiro Fujisawa ² and Akihiko Uchiyama ³ ¹ <i>Faculty of Information Technology, Kanagawa Institute of Technology (Kanagawa, Japan)</i> ² <i>Faculty of Engineering, Kanagawa Institute of Technology (Kanagawa, Japan)</i> ³ <i>School of Science and Engineering, Waseda University (Tokyo, Japan)</i>
11:40~12:00	Biophysical Effects of the Six-Words Practice Qi-gong Mami KIDO <i>Tohoku-gakuin University, Faculty of Liberal Arts, Information Science (Sendai, Japan)</i>

August 28th (Saturday)

Afternoon	Technical Tour
Evening	Optional Tour

August 29th (Sunday)

Optional Tour

-City Tour

-Folk Village Tour

-Sauna(Taemilee Course etc.)

-Foot Massage

etc.

Poster Session- August 27th (Friday) (15:00-16:00)

<Japan>

Effect of external Qi (MOA purifying therapy) on heart rate variability in climacteric women

Seiya UCHIDA¹, Kiyoshi YAMAOKA^{1,3}, Hisanobu SUGANO¹, Michiko HATAYAMA² and Kazuo NITTA¹

¹MOA Health Science Foundation (Shizuoka, Japan),

²Gyokusen-kai Medical Foundation, MOA Takanawa Clinic (Tokyo, Japan)

³Bunkyo Gakuin University (Saitama, Japan)

Changes in the Mind and Body by Health Promotion Program with a central focus on MOA Purifying Therapy

Yasutami TSUDA¹, Seiya UCHIDA¹, Kazuo Nitta¹, Seiji OTSUBO² and Yoshiteru MAKI²

¹MOA Health Science Foundation, Life Science Institute (Fukuoka, Japan)

²Korinkai Medical Foundation, Kagoshima Clinic (Kagoshima, Japan)

A direct light pathway to the brain and its immunological effect

Yoshitaka TORIUMI¹, Tsutomu KAMEI^{2,3}, Kohji MURATA^{2,3},

Katsuhiko HATA^{2,4} and Nobutaka SUZUKI³

¹Department of Pediatrics, Shimane University Faculty of Medicine (Izumo, Japan)

²Department of Medical Research, Shimane Institute of Health Science (Izumo, Japan)

³Department of Complementary and Alternative Medicine, Kanazawa University Graduate School of Medical Science (Kanazawa, Japan)

⁴Department of Neurobiology, Graduate School of Medicine, Chiba University (Chiba, Japan)

The Effect of Odor Presentation on Immune Function after Stress Loading

Jae-do HAN¹ and Akihiko UCHIYAMA²

¹Public Health Research Foundation (Tokyo, Japan)

²School of Science and Engineering, Waseda Univ. (Tokyo, Japan)

<Korea>

Nonlinear analysis of EEG for brain respiration trained students during learning activities

Seung-Hyun Jin¹, Soo Yong Kim²

¹Department of Science Education, Korea National University of Education (Chungbuk, Korea),

²Department of Physics, Korea Advanced Institute of Science and Technology (Daejeon, Korea))

The Trend Analysis of Hurst Exponent of Heartbeat

H. Lee¹, K. Kang¹, Y. J. Yang¹, E. H. Kim², J. Y. Min³, Y. Huh⁴, S. Y. Kim⁵

¹Division of Computer and Communication Engineering, Daejeon University, Korea

²*Department of Acupoint & Meridian, College of Oriental Medicine, Semyung University, Korea*

³*Department of Image Media, Sangji Youngseo College, Korea*

⁴*Electromagnetic Medical Device Research Center, Korea Electrotechnology Research Institute*

⁵*Department of Physics, Korea Advanced Institute of Science and Technology, Korea*

Analysis of EKG for fetus affected by mother's heartbeat signal

Cheol Hyun Kim¹, Soo Yong Kim¹, Hyoung Lee²

¹*Department of Physics, Korea Advanced Institute of Science and Technology, Daejeon, Korea*

²*Division of Computer and Communications Engineering, Daejeon University, Daejeon, Korea*

Migration of Lipiodol Along the Meridian Line

Joong Wha PARK¹, In Soo HONG¹, Jin Ha YOON², Hyun-Won KIM³

¹*Dept. of Radiology, ²Biochemistry, Yonsei University, ³Wonju College of Medicine, Yonsei University,*

(Wonju, Korea)

Histology of Unique Tubular Structures Believed To Be Meridian Line

Soyean KIM¹, Kyu Jae LEE², Tae Eul JUNG², Dan JIN³, Dong Hui KIM⁴, Hyun-Won KIM⁵

¹*Bokung Lagngevity Institute (Chungju, Korea)*

²*Dept. of Parasitology, ³Microbiolog, ⁴Biolog, ⁵Biochemistyr, Wonju College of Medicine, Yonsei Universit,*

(Wonju, Korea),

Bonghan Ducts and Corpuscles with DNA-contained Granules on the Internal Organs-Surfaces of Rabbits

Ku Youn Baik, Baeckkyoung Sung, Byung-Cheon Lee, Hyeon-Min Johng, Vyacheslava Ogay, Tae Jung Nam, Hak-Soo Shin, and Kwang-Sup Soh⁺

Biomedical Physics Lab., School of Physics, Seoul National University Seoul, 151-747, Korea

MAGNETIC SEPARATION PROCESSES IN LIVING ORGANISMS AND EMBRYO DEVELOPMENT

Svetlana NORINA, Kwang-Sup SOH, Young-Zoon YOON, and Vyacheslav OGAY

Biomedical Physics Laboratory, School of Physics, Seoul National University, Seoul, Korea 151-747

Bonghan System and Hypothesis on Oncogenesis

Jong-Su Lee

Ogumdong, SongPaGu, Seoul, Korea 138-737

Thread-like Structures in the Aorta and Coronary Artery of Swine

Sung-Jin CHO, Byeong-Soo KIM¹, Young-Seok PARK*

Department of Companion and Laboratory Animal Science, Kongju National University, Chungnam, Korea, .

¹*Department of Pet Animal Science, Sohae College, Chonbuk, Korea*