The 18th ISfTeH International Conference in Japan

The Construction of an International Collaboration with Telemedicine

Program (Final Revision)

October 17 (Thursday) to 20 (Sunday), 2013

Sunport Hall Takamatsu
Sunport 2-1, Takamatsu, Kagawa 760-0019, Japan

2013/10/1
The 18th ISfTeH International Conference Organizing Committee

Japanese Telemedicine and Telecare Association
International Society for Telemedicine and eHealth
Participants are from 22 countries.
## Event Time Table

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<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Dates</th>
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<tr>
<td><strong>Registration</strong></td>
<td>Entrance Lobby of Small Hall 1/ Sunport Hall Takamatsu 4F</td>
<td>October 17 Thursday 13:00-17:00, October 18 Friday 08:30-17:00, October 19 Saturday 08:30-14:00</td>
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<tr>
<td><strong>Opening Ceremony</strong></td>
<td>Small Hall 1/ Sunport Hall Takamatsu 4F</td>
<td>October 18 Friday 09:00-09:30</td>
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<tr>
<td><strong>Award and Closing Ceremony</strong></td>
<td>Small Hall 1/ Sunport Hall Takamatsu 4F</td>
<td>October 19 Saturday 16:30-17:00</td>
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<td><strong>Exhibition</strong></td>
<td>Conference Room 61/ Sunport Hall Takamatsu 6F</td>
<td>October 18 Friday 09:00-17:00, October 19 Saturday 09:00-15:00</td>
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<tr>
<td><strong>Luncheon Seminar (in Japanese)</strong></td>
<td>Small Hall 2/ Sunport Hall Takamatsu 5F</td>
<td>October 18 Friday 12:30-13:30, October 19 Saturday 12:00-13:00</td>
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<tr>
<td><strong>Luncheon Seminar (in English)</strong></td>
<td>Kagawa International Conference Hall/ Symbol Tower 6F</td>
<td>October 18 Friday 12:30-13:30, October 19 Saturday 12:00-13:00</td>
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<tr>
<td><strong>Open Lectures and Concert for the Citizens (in Japanese)</strong></td>
<td>Big Hall/ Sunport Hall Takamatsu 3F</td>
<td>October 18 Friday 16:00-18:00</td>
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<tr>
<td>Chair</td>
<td>Kazuhiro Hara, Kagawa University/ Tokushima Bunri University</td>
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</tr>
<tr>
<td>1</td>
<td>Hiroshi Tanaka, Tokyo Medical and Dental University</td>
<td></td>
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<tr>
<td>2</td>
<td>Hideki Inoshita, Kagawa Prefecture Government</td>
<td></td>
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<tr>
<td>3</td>
<td>Yoshie Ueno</td>
<td></td>
</tr>
<tr>
<td><strong>Drink Service</strong></td>
<td>Entrance Lobby of Kagawa International Conference Hall/ Symbol Tower 6F</td>
<td>October 18 Friday 10:30-11:00 15:00-15:30, October 19 Saturday 10:00-10:30 14:15-14:45 15:00-15:30</td>
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</table>
Welcome Reception  Restaurant Mikayla  
October 17 Thursday  18:00-20:00  

Joint Social Reception  JR Hotel Clement Takamatsu  
October 18 Friday  19:00-21:00  

ISfTeH Board Meeting  Conference Room 53/ Sunport Hall Takamatsu 5F  
October 19 Saturday  12:00-13:00  

ISfTeH General Assembly  Kagawa International Conference Hall/ Symbol Tower 6F  
October 19 Saturday  16:00-16:30  

Excursion (Chartered Bus Tour)  Let's find the Japanese traditional cultures in Kagawa!  
October 20 Sunday  09:00-16:40  
Minimum participants: 20  
Attendant fee: 5,500JPY  
Chartered bus  
JR Hotel Clement Takamatsu ============ Historical Museum of the Tale of Heike ==  
9:00  9:15  10:15  
Lunch  
===== Ritsurin Garden ============ Sanuki Mengyo ============ Kompira Shrine ==  
10:30  11:30  11:45  12:30  13:30  15:00  
=====Takamatsu Airport ============ JR Takamatsu Station  
15:50  16:00  16:40
October 18 Friday

Small Hall 1/ Sunport Hall Takamatsu 4F

09:30-10:00  JKL-1/ Joint Keynote Lecture 1
Chair Kazuhiro Hara  President of JTTA  Japan
“Telemedicine: Victories Won and Challenges Ahead”
Steven Normandin  Vice President of ISfTeH, AMD Global Telemedicine  USA

10:00-10:30  JKL-2/ Joint Keynote Lecture 2
Chair Frank Lievens  Secretary of ISfTeH  Belgium
“Network System of Electronic Patient Medical Record for Telemedicine and Telecare in Kagawa
Prefecture and International Future Deployment”
Kazuhiro Hara  President of JTTA  Japan

10:30-11:00  JKL-3/ Joint Keynote Lecture 3
Chair Hideto Yokoi  Kagawa University Hospital  Japan
“Telemedicine and Regional Healthcare Information Networks in Japan”
Hiroshi Tanaka  Tokyo Medical and Dental University  Japan

11:30-12:00  JKL-4/ Joint Keynote Lecture 4
Chair Masaaki Tokuda  Kagawa University  Japan
“The regional medical support by telemedicine for disaster-stricken areas by Tohoku Medical
Megabank Organization (ToMMo)”
Hideyasu Kiyomoto  Tohoku University  Japan

12:00-12:30  JKL-5/ Joint Keynote Lecture 5
Chair Masatsugu Tsuji  University of Hyogo  Japan
“Collaborative Workflows: Empowering both providers and patients to lower costs and improve care
delivery outcomes”
Mark Blatt  Intel Corp.  USA
### October 19 Saturday

**Room1: Kagawa International Conference Hall/ Symbol Tower 6F**

<table>
<thead>
<tr>
<th>Time</th>
<th>Lecture</th>
<th>Title</th>
<th>Chair(s)</th>
<th>Institution</th>
<th>Country</th>
</tr>
</thead>
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<tr>
<td>09:00-09:30</td>
<td>IKL-1</td>
<td>International Keynote Lecture 1</td>
<td>Masayuki Honda</td>
<td>Nagasaki University Hospital</td>
<td>Japan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>“Beyond Cutting Ribbons and Flowerily Inauguration”</td>
<td>Rifat Latifi</td>
<td>Arizona University</td>
<td>USA</td>
</tr>
<tr>
<td>09:30-10:00</td>
<td>IKL-2</td>
<td>International Keynote Lecture 2</td>
<td>Ikuo Tofukuji</td>
<td>Takasaki University of Health and Welfare</td>
<td>Japan</td>
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<tr>
<td></td>
<td></td>
<td>“Why and How FRANCE BECAME A TELEMEDICINE COUNTRY”</td>
<td>Andre Petitet</td>
<td>CATEL, Head of the International Commission</td>
<td>France</td>
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October 18 Friday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

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<tr>
<th>Time</th>
<th>ISY-111/ International Symposium Quit Smoking</th>
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<tbody>
<tr>
<td>17:00-18:30</td>
<td>Chair: Kaoru Ashimine, Okinawa Prefectural Chubu Hospital, Japan; Ikuo Tofukuji, Takasaki University of Health and Welfare, Japan</td>
</tr>
<tr>
<td>1</td>
<td>“Tobacco Quitline as coordinating mechanism for promoting smoking cessation for 10 million smokers”</td>
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<tr>
<td></td>
<td>Hiroyuki Noda, Ministry of Health, Labour and Welfare, Japan</td>
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<td>2</td>
<td>“Evolving Quitline with e-health Technology: High Performance and Low Cost”</td>
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<tr>
<td></td>
<td>Min Kyung Lim, National Cancer Center, Republic of Korea</td>
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<tr>
<td>3</td>
<td>“Smoking Cessation Activities in Thailand”</td>
</tr>
<tr>
<td></td>
<td>Jintana Yunibhand, Thailand National Quitline, Thailand</td>
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<tr>
<td>4</td>
<td>“Kinen-marathon as patients-to-patients quitting model in Japan”</td>
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<td></td>
<td>Yuko Takahashi, Nara Women’s University, Japan</td>
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Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

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<tr>
<th>Time</th>
<th>ISY-121/ International Symposium e-Health Economics</th>
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<tr>
<td>13:30-15:00</td>
<td>Chair: Masatsugu Tsuji, University of Hyogo, Japan</td>
</tr>
<tr>
<td>1</td>
<td>“Economic Evaluation of the “Long-term” and “Short-term” Effects of Telecare”</td>
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<tr>
<td></td>
<td>Yuji Akematsu, Osaka University, Japan</td>
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<tr>
<td>2</td>
<td>“Introducing Multi-media Communication for Regional Medicine: Nagahama Telemedicine Project”</td>
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<tr>
<td></td>
<td>Tomohiro Kuroda, Kyoto University Hospital, Japan</td>
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<tr>
<td>3</td>
<td>“Legal Interpretation of Face-to-Face Consultation via Communications Circuit”</td>
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<td></td>
<td>Isao Nakajima, Tokai University, Japan</td>
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<td>4</td>
<td>“Issues of Telemedicine Reimbursement in Japan: Analysis from e-Health Economics”</td>
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<td></td>
<td>Masatsugu Tsuji, University of Hyogo, Japan</td>
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October 19 Saturday

Room 2: Conference Room 54/ Sunport Hall Takamatsu 6F

10:30-12:00 ISY-221/ International Symposium Tele-homecare

**Chair:** Koichi Sampei  
India Welfare Village Society  
Japan

1. “ICT-Based BP Measurement in Rural Clinics in India”  
Koichi Sampei  
India Welfare Village Society  
Japan

2. “ICT Utilization by smart phones and cloud-based services in Home Care Medicine in Japan”  
Junichiro Toya  
Sakura-shinmachi Urban Clinic  
Japan

3. “Moving e-Health to the ‘Home’ – Thinking it Through”  
Richard E. Scott  
University of KwaZulu Natal  
South Africa

4. “Telemedicine landscape of India”  
Saroj Mishra  
Sanjay Gandhi Post Graduate Institute of Medical Sciences  
India

Room 3: BB Square/ e-Topia Kagawa 4F

10:30-12:00 ISY-231/ International Symposium Telepathology

**Chair:** Taizo Shiraisihi  
Mie University  
Japan

Mika Watanabe  
Tohoku University  
Japan

1. “Applications of z-axis video for cytology (Zavic) to various cytology practices”  
Katsushige Yamashiro  
Hokkaido Cancer Center  
Japan

2. “Clinical Guidelines for Telepathology Practices”  
Yasunari Tsuchihashi  
Luis Pasteur Medical Research Center Kyoto  
Japan

3. “Telepathology of routine pathology slides supports rural medical system”  
Ichiro Mori  
Mita Hospital, International University of Health and Welfare  
Japan

4. “Morphologic Diagnosis and International Collaboration in Telemedicine”  
Keizo Furuya  
Ehime Prefectural Central Hospital  
Japan

5. “Nation-Wide Survey of Digital pathology and Image Analysis in Korea”  
Kim Dae Cheol  
Dong-A University College of Medicine  
Republic of Korea
Oral Presentations

October 18 Friday

Room1: Kagawa International Conference Hall/ Symbol Tower 6F

13:30-15:00 IGS-111/ Fetal, Pregnant and Perinatal Telemedicine 1

<table>
<thead>
<tr>
<th>Chair</th>
<th>Title</th>
<th>Location</th>
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<tbody>
<tr>
<td>Rintaro Mori</td>
<td>“Minimum Hardware Smart Simple and Wearable System for Patient Conducted Trans-Network Remote Fetal Monitoring, Proposed Architecture with Evaluations of Subsystem and Component”</td>
<td>Japan</td>
</tr>
<tr>
<td>Yasuhito Takeuchi</td>
<td>“Remote Monitoring Program of High Risk Pregnant Women and Fetus in Mexico”</td>
<td>Mexico</td>
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<tr>
<td>Hadi Hariyanto</td>
<td>“DigiMAPS : A Multimodal Communication System for Maternal Health Care in Indonesia”</td>
<td>Indonesia</td>
</tr>
<tr>
<td>Andri Qiantori</td>
<td>“Acceptance and User Experience of Online System for Mother and Children Health Record: A Preliminary Study”</td>
<td>Indonesia</td>
</tr>
<tr>
<td>Rintaro Mori</td>
<td>“Cluster randomized controlled trial of maternal and child health handbook and birth cohort study in Mongolia: Implication for new technology”</td>
<td>Japan</td>
</tr>
<tr>
<td>Song Yu</td>
<td>“High Risk Pregnancy Management System in Beijing”</td>
<td>China</td>
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15:30-17:00 IGS-112/ Fetal, Pregnant and Perinatal Telemedicine 2

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<thead>
<tr>
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<th>Title</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>Yasuhito Takeuchi</td>
<td>“Remote Fetal-Maternal Checkup on Cloud Computing Environment in South-western Hokkaido”</td>
<td>Japan</td>
</tr>
<tr>
<td>Takahiko Shimmi</td>
<td>“The efficacy of mobile cardiotocogram in perinatal care of remote islands in Japan”</td>
<td>Japan</td>
</tr>
<tr>
<td>Kohei Odagiri</td>
<td>“Regional collaboration in our perinatal center utilizing the web-version electronic patients records”</td>
<td>Japan</td>
</tr>
<tr>
<td>Michiko Kido</td>
<td>“ICT utilization by perinatal medical care in Iwate prefecture”</td>
<td>Japan</td>
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</table>
Room 2: Conference Room 54/ Sunport Hall Takamatsu 5F

15:30-16:30 IGS-121/ International Collaboration

Chair: Shuji Shimizu, Kyushu University, Japan

Andrey I. Selkov, Russian Association for Telemedicine, Russia

1. "The Role of ISfTeH in The International Context of Telemedicine/eHealth"
   Frank Lievens, ISfTeH, Belgium

2. "Role of the Technique of Business Planning of UNIDO – WORLD Bank In Success of Telemedical Projects of the Russian Association for Telemedicine"
   Andrey I. Selkov, Russian Association for Telemedicine, Russia

3. "Telemedicine combined with Data Set of Medical Tourism Reduces Risk of Patients and Hospitals"
   Min Hu, Kyushu University, Japan

4. "International collaborations on remote medical education in Asia and beyond: 10-year experience"
   Shuji Shimizu, Kyushu University, Japan

16:30-17:00 IGS-122/ Telemedicine and Society

Chair: Tamara Eliseeva, Scientific Clinical Centre JSC "Russian Railways", Russia

1. "Telehealth Business Model Development in Indonesia"
   Ediana Sutjiredjeki, Politeknik Negeri Bandung, Indonesia

2. "Social significance of telemedicine"
   Tamara Eliseeva, Scientific Clinical Centre JSC "Russian Railways", Russia

17:00-17:30 IGS-123/ E-prescription

Chair: Naomi Iihara, Tokushima Bunri University, Japan

1. "A Preliminary Survey of E-prescription Readiness in Nigeria"
   Emuoyibofarhe O. Justice, Ladoke Akintola University of Technology, Nigeria

2. "A community electronic prescription system—the expectation by pharmacists"
   Naomi Iihara, Tokushima Bunri University, Japan

17:30-18:30 IGS-124/ Mobile Telemedicine
October 1, 2013

Chair  Naoki Kodama  Takasaki University of Health and Welfare  Japan
Cirano Iochpe  Universidade Federal do Rio Grande do Sul  Brazil
1  “A Context Aware Mobile Agent Middleware Framework For Remote Patient Monitoring”
   Akomolafe O. P  University of Ibadan  Nigeria
2  “Health applications in mobile devices”
   Diego Alejandro Parra Álvarez  Nueva Granada Military University  Colombia
3  “Integrating mHealth Into A Chronic Disease Management Program For Elder Patients With Diabetes in Brazil”
   Cirano Iochpe  Universidade Federal do Rio Grande do Sul  Brazil
4  “Effectiveness of Preventive Healthcare through Telemedicine in Bangladesh”
   Partha Pratim Ghosh  Grameen Communications  Bangladesh

October 19 Saturday

Room 1: Kagawa International Conference Hall/ Symbol Tower 6F

10:30-11:15 IGS-211/ Tele-nursing
Chair  Tomoko Kamei  St. Luke’s College of Nursing  Japan
Tomoko Kamei  St. Luke’s College of Nursing  Japan
1  “PrimCareIT – the use of teleconsultation and telementoring solutions for counteracting brain drain and professional isolation of health professionals in remote primary health care”
   Domantas Stundys  Vilnius University Hospital Santariškių Klinikos  Lithuania
2  “Development and Implementation of Evidence-based Guidelines for Telenursing Practice for Patients with Chronic Obstructive Pulmonary Disease in a Japanese Setting”
   Tomoko Kamei  St. Luke’s College of Nursing  Japan
3  “Study of Telenursing System that Promotes Self-care of Patient with Chronic Obstructive Pulmonary Disease”
   Yuko Yamamoto  St. Luke’s College of Nursing  Japan

11:15-12:00 IGS-212/ Tele-ophthalmology
Chair  Reiko Kinouchi  Asahikawa Medical University  Japan
Yogesan Kanagasingam  School of Medicine, University of Notre Dame  Australia
1  CREST: A Cost effective e-Network for DR and glaucoma screening in rural Guangdong, China
   Tiantian Ye  Zhongshan Ophthalmic Center, Sun Yat-sen University  China
2  “Innovative, low cost telemedicine based diabetic retinopathy screening systems”
   Yogesan Kanagasingam  School of Medicine, University of Notre Dame  Australia
3  “Educational Use and Cost of a Telemedicine Microsurgery Support System for Medical Students”

12
October 1, 2013
Reiko Kinouchi Asahikawa Medical University Japan

13:00-14:15 IGS- 213/ General/Policy

Chair Andrè PETITET CATEL, Head of the International Commission France
Richard Scott University of KwaZulu Natal South Africa

1 “Clinical Decision Support System – National project of Lithuania – designed for Telemedicine and other purposes.”
Lina Barzdaite Vilnius University Hospital Santariskiu klinikos Lithuania

2 “Managing Health Evacuations in a Globalized World”
Luís Velez Lapão Universidade Nova de Lisboa Portugal

3 “Disaster e-Health’ – A Proposed Research Network”
Richard Scott University of KwaZulu Natal South Africa

4 “Telemedicine Solution for the Nigerian Defence · The Nigerian Army”
AJ Owosho Military Hospital Lagos Nigeria

5 “USE OF TELEMEDICINE TOOLS”
André PETITET CATEL, Head of the International Commission France

14:45-15:45 IGS- 214/ New Technologies

Chair Tetsuo Sakamaki Gunma University Japan

1 “Daily assessment tool of disease activity of rheumatoid arthritis by using a smartphone application: a feasibility study”
Shu Nishiguchi Graduate School of Medicine, Kyoto University Japan

2 “Detection effects by thumbnail image in a medical image support system using transmitting delay path of satellite communication”
Takayuki Suga Shibaura Institute of Technology Japan

3 “Human identification by impulse response representation of ECG”
Minkyu Kim Myongji University Republic of Korea

4 “Development of New Electrocardiogram Reconstruction Method Using State Space Model”
Minkyu Kim Myongji University Republic of Korea

Room2: Conference Room 54/ Sunport Hall Takamatsu 5F

13:00-14:15 IGS- 221/ Tele-cardiology

Chair Junichi Ninomiya Medical Division,Professional Doctors Net Japan
Adolfo Sparenberg the Institute of Cardiology of Rio Grande do Sul Brazil

1 “A Simple Technique for Enhancing 12-Lead ECG Interoperability on the Application of Telemedicine”
Jui-chien Hsieh Yuan Ze University Taiwan

2 “A New12-Lead ECG Mobile Learning Service in the Cloud for Medical Education”
3 “A trial Fibrillation Detection through a Public Multipoint Telecardiology Platform in Southern Brazil”
Adolfo Sparenberg the Institute of Cardiology of Rio Grande do Sul Brazil

4 “A Pilot Study for the Setup of Tele-CCU”
Ching-Ying Chiang Chang Gung Memorial Hospital Taiwan

5 “Usefulness of management of cardiac pacemaker implanted patients by a portable electrocardiogram monitoring system”
Junichi Ninomiya Medical Division, Professional Doctors Net Japan

14:45-15:30 IGS-222/ Education
Chair Nobuhiro Sakata Dokkyo Medical University Japan
1 “ISfTeH Students Working Group: Bringing eHealth Initiatives to the Future Professionals”
Adolfo Sparenberg ISfTeH Brazil
2 “An International Telemedicine Curriculum?”
Maurice Mars Dept of TeleHealth, University of KwaZulu Natal South Africa
3 “Learning opportunities of telemedicine literacy for medical and nursing students”
Nobuhiro Sakata Dokkyo Medical University Japan

15:30-16:15 IGS-223/ Electronic Health Record
Chair Hiroshi Kondoh Tottori University Hospital Japan
Frederick North Mayo Clinic USA
1 “When should you be using the patient portal for telemonitoring?”
Frederick North Mayo Clinic USA
2 “EPR and PACS sharing system applying cloud technology and XDS/XDS-I”
Hiroshi Kondoh Tottori University Hospital Japan
3 “Team Kagawa” developed newly clinical pathway for diabetes mellitus on medical IT, K-MIX”
Koji Murao Kagawa University Japan

Room 3: BB Square/ e-Topia Kagawa 4F

13:00-14:15 IGS-231/ Remote-monitoring
Chair Koichi Kurita Kinki University Japan
Emuoyibofarhe O. Justice Ladoke Akintola University of Technology Nigeria
1 “Remote Monitoring of Patients Vital Signs”
Emuoyibofarhe O. Justice Ladoke Akintola University of Technology Nigeria
2 “A respiration measurement system for sleep apnea syndrome monitoring using an
accelerometer”
YounTae KIM  Myongji University  Republic of Korea
3 “Remote monitoring Technique for Physical Activity Estimation by means of the Internet”
Koichi Kurita  Kinki University  Japan
4 “InspectLife – solution for providing telecare and telehealth”
Jiří Potůček  Charles University Prague  Czech Republic
5 “Patient empowerment using telemonitoring and self-monitoring in the multilingual patient health portal VIVAPORT.EU”
Rolandas Bėrontas  Vilnius University Hospital Santariskiu klinikos  Lithuania

14:45-16:00  IGS- 232/ Evaluation
Chair  Takashi Hishitani  Saitama Children’s Medical Center  Japan
Giichiro Ohno  Tokatsu Hospital  Japan
1 “Evidence for Person-Centered Care in Telehealth Research”
Claudia C. Bartz  International Council of Nurses  USA
2 “Remote epilepsy clinic using a video conferencing system”
Ayumi Narisawa  Kesennuma City Hospital  Japan
3 “What E-health can do and cannot ? : Experimental practice of e-health supporting system between Antarctic Station and Japan”
Giichiro Ohno  Tokatsu Hospital  Japan
4 “Tele-consultation service for Japanese long-stayers in Chiang Mai, Thailand”
Masaaki Tokuda  Kagawa University  Japan
5 “Accuracy of telediagnosis of fetal heart disease using ultrasound image transmission via Internet”
Takashi Hishitani  Saitama Children’s Medical Center  Japan
October 18 Friday

Hall1: Small Hall 1/ Sunport Hall Takamatsu 4F

13:30-15:00 JTTA Keynote Lecture 1
“Extension of Healthcare Innovation in the Cloud Era”
Kiyoshi Itao The Advanced Institute of Wearable Environmental Information Networks

15:30-17:00 Telemedicine Study Group by MHLW Budget
Chair Tetsuo Sakamaki Gunma University
Takashi Hasegawa Gunma University Hospital
Hiroki Okada Kagawa University
1 “Prospective multicentre case-control study of telemedicine in clinical events, travelling time, QOLs for home medical care”
Takayuki Kohri Tone Central Hospital
2 “The home care information sharing in IT age”
Takashi Hasegawa Gunma University Hospital
3 “The study of the promotion policy of the telemedicine”
Takashi Hasegawa Gunma University Hospital

1700-1830 Assistance and evaluation of Home care
Chair Masatsugu Tsuji University of Hyogo
Takayuki Kohri Tone Central Hospital
1 “Usefulness of the Team Care System using Mobile Terminals on Patients with Intractable Neurological Diseases”
Akiyo Hineno Shinshu University School of Medicine
2 “Efficacy of health information exchange using mobile tablet”
Daigo Miyazaki Shinshu University School of Medicine
3 “Clinical applications of telerehabilitation for a child from physical therapist’s standpoint”
Matsukiyo Ayumi Shinano Handicapped Children's Hospital
4 “Long-term Effect of Telecare Intervention on Patients with Chronic Diseases”
Yuji Akematsu Osaka University
5 “Region-contained Tele-nursing system in a large snowbound area”
Hiromi Kikuchi Sapporo City University
6 “Effective Use of a Tablet Terminal in the Visiting Nurse Works”
Kanako Ishii University of Hyogo
Hall2: Small Hall 2/ Sunport Hall Takamatsu 5F

13:30-15:00  SIG Life monitoring
Chair  Ryoji Suzuki  Gunma University Hospital
1  “Problem of Monitoring in Home Telecare”
   Ryoji Suzuki  Gunma University Hospital,

15:30-16:15  Regional healthcare information sharing 1
Chair  Eisuke Hanada  Shimane University Hospital
1  “A trial of a multimedia telecommunication system for intractable disease teleconsultation”
   Eisuke Hanada  Shimane University Hospital
2  “Achievement of Tele-Ophthalmology utilizing Telemedicine Support System”
   Kazuomi Hanada  Asahikawa Medical University
3  “Educational use of Telemedicine microsurgery support system to Medical students”
   Reiko Kinouchi  Asahikawa Medical University

16:30-17:00  Advanced Hospital Information Systems
Chair  Kohji Uemura  Kagawa University
1  “Expansion of EPR sharing system with SS-MIX2, XDS and XDS-I”
   Hiroshi Kondoh  Tottori University Hospital
2  “Ubiquitous Sensor Network Environment in Hospital using BT-AP Antenna”
   Tadamasa Takemura  University of Hyogo

17:00-17:30  SIG Home care
Chair  Takamasa Ohta  Ohta Hospital
1  “Telemedicine Implementation to Niimi Area Medical Care”
   Takamasa Ohta  Ohta Hospital
2  “The multi-occupational description cooperation information-sharing base in Residential Medical care Liaison Center”
   Masami Fujiwara  NDS Corporation

17:30-18:30  Advanced new technologies
Chair  Akifumi Sakamoto  Oki Electric Industry Co., Ltd
   Isao Kimura  Thousand Success Consulting Inc.
2  “Propagation Characteristics of 400MHz Band Radio for Vital Sensor”
   Takeshi Umemoto  Fujitsu Kyusyu Network Technologies Limited
October 19 Saturday

Hall 1: Small Hall 1/ Sunport Hall Takamatsu 4F

09:00-10:00 JTTA Keynote Lecture 2
Chair Testuo Sakamaki Gunma University
“Telemedicine at the viewpoint of a home medical treatment practitioner”
Keigo Yasukawa Toriden Shirakawa Medical Corporation

10:30-12:00 JTTA/JCS Joint Symposium/ Telemedicine for the Cardiovascular Diseases
Chair Testuo Sakamaki Gunma University
Yuichiro Saito Gunma University
1 Tutsuyuki Manaka Tokyo Women’s Medical University
2 Maiko Miura Sakakibara Heart Institute
3 Hirosi Nonoki Shizuoka General Hospital
4 Hiroyuki Kamata Morioka Red Cross Hospital

13:00-14:00 JTTA Keynote Lecture 3
Chair Kazuhiro Hara Kagawa University
“On the policies of Medical Information Systems and unified ID System – Towards the construction of Electronic Health Records Systems.”
Kazuyuki Nakayasu Ministry of Health, Labour and Welfare

14:00-15:00 Perinatal medicine with ICT
Chair Toshihiro Ogasawara Iwate prefectural Ofunato hospital
1 “A challenge utilizing data cooperation system of the medical information network “Ihatov” and electronic medical recycling system for perinatal medicine”
Toshihiro Ogasawara Iwate prefectural Ofunato hospital
2 “Cooperation utilizing web-based electric patient records in the metropolitan perinatal center”
Michiko Kido Japanese Red Cross Medical Center, Dept. of Obstetrics and Gynecology
3 “Chiba Maternal transport system and perinatal electric health records”
Makoto Suzuki Kameda General Hospital
Case Report of a mobile cardiotocogram in perinatal care in Amami Islands
Rei Fujiyama Naze Tokushukai Hospital

15:30-16:30 Regional healthcare information sharing 2

Chair Takehiro Matsumoto Nagasaki University
1 “The telemedicine system for emergency medicine (k-support) in Kaifu Hospital: Analysis of 30 cases”
Fumiaki Obata Tokushima Prefectural Kaifu Hospital,
2 “The telemedicine and telecare supported system for Kaifu hospital (k-support) using mobile phone and internet - Contribution to early diagnosis and treatment for acute stroke -”
Teruyoshi Kageji Tokushima University Hospital
3 “The Development of the intelligent Remote diagnostic imaging system for the Emergent medicine, easy consultation and Teleradiology”
Takehiro Matsumoto Nagasaki University Hospital,
4 “Clinical Network with Personal Cloud Server for Cancer Surveillance Program”
Takayuki Asao Department of Cancer Therapy Innovation, Gunma University

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Hall2: Small Hall 2/ Sunport Hall Takamatsu 5F
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09:00-09:45 Surveillance of Influenza Pandemic
Chair Isao Nakajima Tokai University School of Medicine
1 “The detection and evaluation of the flapping of wings by the three axis accelerometer mounted on Japanese pheasant”
Toshihiko Kitano Tokai University School of Medicine
2 “Study on OOK modulation of the S-band Tx/Rx module for birds”
Leonid Androuchko Tokai University School of Medicine,
3 “A Development of Compact 4ch ECG Datalogger for Birds”
Isao Nakajima Tokai University School of Medicine

10:30-12:00 Life monitoring
Chair Masayuki Honda Nagasaki University Hospital
Ryoji Suzuki Gunma University Hospital
1 “Regional health supporting system based on networking between regional hospital and group-home”
Masayuki Honda Nagasaki University Graduate School of Biomedical Sciences
2 “A Fundamental Study on the Effect of Watching Home-care Patient using Life-log 2”
Kaori Fujimura NTT Secure Platform Laboratories
3 “Telemedicine using a Telecare System Composed of Commercially Available Equipment”
October 1, 2013

4. "Field test about the smart phone application development to improve quality of the communication of a medical worker and pregnant women"
Masatoshi Sugita NTT East Medical Center Tokyo

5. "A Fundamental Study on Methods for Detecting Change in Home-care Patient’s ADL by Monitoring Physical Activity Level"
Miho Ikeda NTT Secure Platform Laboratories