### Time table for sessions at Room C (#301)

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Session No</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 13</td>
<td>9:30-10:40</td>
<td>1C1</td>
<td>Living body Instrumentation</td>
</tr>
<tr>
<td></td>
<td>10:50-11:40</td>
<td>1C2</td>
<td>Mental-state Estimation</td>
</tr>
<tr>
<td></td>
<td>14:10-15:20</td>
<td>1C3</td>
<td>QOL</td>
</tr>
<tr>
<td></td>
<td>15:40-16:50</td>
<td>1C4</td>
<td>Life Support</td>
</tr>
<tr>
<td></td>
<td>17:10-18:00</td>
<td>1C5</td>
<td>Operator Behavior</td>
</tr>
<tr>
<td>June 14</td>
<td>9:30-11:00</td>
<td>2C1</td>
<td>Support for Seniors</td>
</tr>
<tr>
<td></td>
<td>11:10-12:00</td>
<td>2C2</td>
<td>Car Ergonomics (1)</td>
</tr>
<tr>
<td></td>
<td>13:00-14:10</td>
<td>2C3</td>
<td>HMI</td>
</tr>
<tr>
<td></td>
<td>14:20-15:10</td>
<td>2C4</td>
<td>Car Ergonomics (2)</td>
</tr>
<tr>
<td></td>
<td>15:20-16:30</td>
<td>2C5</td>
<td>Driving Assistance</td>
</tr>
</tbody>
</table>

----- Program of Japan-Korea Joint Symposium 2015 (as of May 19, 2015) -----

9:30-10:40
Opening: Kentaro Kotani (Kansai University)
1C1 Living-body Instrumentation
Chairperson: Youngsuk LEE (Chonnam National University)

1C1-1
Growth curves of Korean girls from 13 to 18 years
Youngsuk LEE
University of Chonnam National
1C1-2
Analysis and usability testing of the 3D scanning method for anthropometric measurement of the elderly
Sunghee AHN, Jinhee PARK, YunJa NAM, Myunghwan YUN
Seoul National University

1C1-3
The effect of carrying a military backpack on a transverse slope and sand surface on lower limb kinetics
Byungju YOO, Sungdo KIM, Andrew MERRTWEATHER, Donald BLOSWICK
University of Utah, Ministry of National Defense

1C1-4
Electronic patient referral system with data exchange and fingerprint patient Identification
Tipporn LAOHAKANGVALVIT, Michiko OHKURA, Tiranee ACHALAKUL, Somchanok TIVATANSAKUL
Shibaura Institute of Technology, King Mongkut’s University of Technology Thonburi

10:50-11:40
1C2  Mental-state Estimation
Chairperson: Myunghwan YUN (Seoul National University)

1C2-1
Cluster analysis on self-reported emotional experience of smart TV viewing
Ilsun RHIU, Yelim RHIE, Geewon SHIN, Myunghwan YUN
Seoul National University

1C2-2 Withdrawal

1C2-3
Study on the transition of psychosomatic state under the external stimuli with regard to the Individual characteristics
Shinichi TACHIWANA, Keisuke SUZUKI
Kagawa University

14:10-15:20
1C3  QOL
Chairperson: Kentaro KOTANI (Kansai University)
1C3-1
A quantitative affection assessment of earphones using a spreading activation theory
Jaekyu PARK, Yujun CHO, Sungjoon PARK, Eui S. JUNG
Korea University, Namseoul University

1C3-2
A literature survey on UX design properties and principles of smart device design for the disabled: From the perspective of value/quality of human life
Joohwan PARK, Sung H. HAN, Mingyu LEE, Hyeji JANG
POSTECH

1C3-3 Withdrawal

1C3-4
A framework for affective quality of ear-related product design
Kyungrak CHOI, Kimin BAN, Jaeho Choe, Eui S. JUNG
Korea University, Daejin University

1C3-5
Identifying human property measurements for user-centered design based on user scenarios
Heekyung MOON, Sung H. HAN, Bora KANG, Dongyeong JUNG
POSTECH

15:40-16:50
1C4 Life Support
Chairperson: Woochang CHA (Kumoh National Institute of Technology)

1C4-1
Usability evaluation of electric adjustable bed during back support elevation using motion analysis method
Jonghyun KIM, Seungyeop LIM, Byeonghee WON
KITECH

1C4-2
Evaluation of rehabilitation robot through contextual interview based on usage scenario
Jonghyun KIM, Woosang SIM, Kyungseok JANG, Hyosun KWEON, Kihun CHO, Youngki KIM, Byeonghee WON
KITECH, National Rehabilitation Center, Senior Communication Co.
A study on the dehumidifier in consideration of the Korean living environment
Wonseok YANG
Shibaura Institute of Technology

Withdrawal

17:10-18:00

Measurement of characteristic change using MyotonPRO in low back muscles during a long-term driving; pilot study
Donghyun KIM, Youngjin JUNG, Yeeun SONG, Donghyun HWANG, Changyong Ko, Hansung KIM
University of Yonsei, Korea Orthopedics & Rehabilitation Engineering Center

Withdrawal

Measuring progressions in the play technologies of French Horn by the professional musician lessons
Ichiro TOKUHIRO, Aya MORISHITA, Isoharu NISHIGUCHI, Kiyohiko YAMAYA
Kanagawa Institute of Technology, Showa University of Music, Sonaresearch Co., Ltd.

9:30-11:00

A study of development of senior-friendly products through usability test
Myungkug MOON, Joonkeun LEE, Kihyang KIM
Korean Health Industry Development Institute
2C1-3
Real-life accident factors for elderly patients with dementia
Mihyun CHOI, Hyungsik KIM, Hyunjun KIM, Jungchul LEE, Sooncheol CHUNG, Jihye BAEK, Byungchan MIN, Sungjun PARK
Konkuk University, Hanbat National University

2C1-4
Effect of music therapy on activation and calming of cerebral function
Tomohiro MORIYA, Katsutoshi TADOKORO, Keisuke SUZUKI
Kagawa University

2C1-5
Screening method of dementia using odor
Hiroshi KOBAYASHI, Keisuke SUZUKI, Masayuki KARAKI
Kagawa University, Tanaka ETC Clinic

11:10-12:00
2C2  Car Ergonomics (1)
Chairperson: Keisuke SUZUKI (Kagawa University)

2C2-1
Comparisons of driver distraction from in-vehicle device use: rotary controllers and touch screens
Sanghyung KWON, Sunghwan PARK, Joonghee LEE, Myunghwan YUN
Seoul National University

2C2-2
Modelling of the auditory satisfaction function for the automobile door opening quality
Wonjoon KIM, Taebeum RYU, Yushin LEE, Donggun PARK, Myunghwan YUN
Seoul National University, Hanbat National University

2C2-3
An empirical analysis on the design variables affecting user satisfaction for the operation of automotive switch
Daewon CHOI, Kimin BAN, Jinsung JUNG, Eui S. JUNG
Korea University
13:00-14:10  
2C3  HMI  
Chairperson: Joonwoo SON (Gyeongbuk Institute of Science and Technology)  

2C3-1  
Effects on body sway viewing tilted 3D images using binocular disparity  
Sanghyun KIM, Fumiya OHTA, Takashi KAWAI, Katsumi WATANABE, Reiko SETO, 
Yushi FUJITA  
Waseda University, Technova Inc.  

2C3-2  Withdrawal  

2C3-3  
The movement time and optimal control-display ratio of foot-controlled Isotonic Mouse  
Kyungtae LEE, Yeonghun LEE  
Sehan University, Huyndai Samho Heavy Industries Co.  

2C3-4  
Usability evaluation of flicking gesture area for effective page shifting of a smart phone  
Sangeun LEE, Kimin BAN, Jiwon Jung, Eui S. JUNG  
Korea University  

14:20-15:10  
2C4  Car Ergonomics (2)  
Chairperson: Byungchan MIN (Hanbat National University)  

2C4-1  
Effects of sleep deprivation and the odor of 100% lavender oil and 100% peppermint oil on  
unexpected situation while driving  
Seunghyun KWAK, Sanghyeok SEO, Hyungsik KIM, Sooncheol CHUNG, Byungchan MIN  
Hanbat National University  
Konkuk University  

2C4-2  
Validation of a driving simulator for driver distraction research on a two-lane highway  
Joonwoo SON, Myoungouk PARK  
DGIST  

2C4-3  Withdrawal
Comparison of Driving Performance on the Unimanual and Bimanual Steering during Simulated Driving between Post-Stroke Patients and Healthy Adults
Hanseong CHOE, Kwansub LEE, Hwakyung SHIN
The Catholic University of Daegu

Effect of advanced driver assistance systems on driving style and fuel economy
Joonwoo SON, Myoungouk PARK, Bawul KIM
DGIST

Study on advanced head-light distribution pattern to enhance driver’s visibility
Katsuya GOHDA, Keisuke SUZUKI, Shun’ichi DOI, Toshihiko TSUKADA, Keiichi SHIMAOKA, Kazunori HIGUCHI
Kagawa University, TOYOTA CENTRAL R&D LABS., INC.

Development of accident mitigation system based on driver characteristics
Masaya Miyazaki, Keisuke SUZUKI
Kagawa University

Change of Driving Behaviors with Stopping Alert at Intersection for Individual Elderly Drivers
Seunghee HONG, Takafumi ASAO, Keisuke SUZUKI, Byungchan MIN, Shun’ichi DOI
The University of Kagawa, Kansai University, Hanbat National University