

PROGRAM SCHEDULE

August 11, 2010 (Wednesday)				
08:00-08:30	Registration			
08:30-10:30	Session 1-A (HumanCom2010) Chair: Richard Overill (Room: VIP Lounge)	Session 1-B (ITCS2010) Chair: Heuseok Lim (Room: ALCATRAZ Ballroom)	Session 1-C (MUE2010) Chair: Dominik Renzel (Room: VALHALLA Hall Roofdeck Lounge)	Session 1-D (EMC2010) Chair: Young-Sik Jeong (Room: Green Room)
10:30-10:50	Coffee Break			
10:50-11:20	Opening Remark (HumanCom 2010, EMC 2010, MUE 2010, ITCS 2010) Invited Talk (Chair: Hangbae Chang, Deajin University, Korea) The IEEE Philippines Section and Its Recent Activities by Elmer P. Dadios , Chairman - IEEE Philippines Section, Philippines (ALCATRAZ Ballroom)			
11:20-12:20	Keynote Speech 1 (HumanCom 2010) (Chair: Stephen S. Yau, Arizona State University, USA) The Grand Challenges of Cloud Computing by Dr. Jeffrey Voas , National Institute of Standards and Technology, USA (ALCATRAZ Ballroom)			
12:20-13:40	Lunch			
13:40-14:40	Keynote Speech 2 (ITCS 2010) (Chair: Jongsung Kim, Kyungnam Universtiy, Korea) Recent Trends and Challenges in the Security of e-Systems and Computer Networks by Prof. Mohammad S. Obaidat , Monmouth University, USA (ALCATRAZ Ballroom)			
14:40-14:50	Break			
14:50-15:50	Keynote Speech 3 (EMC 2010) (Chair: Laurence T. Yang , St Francis Xavier University, Canada) Ubiquitous IMS Emergency Services over Cooperative Heterogeneous Networks by Prof. Han-Chieh Chao , National Ilan University, I-Lan, Taiwan, ROC (ALCATRAZ Ballroom)			
15:50-16:10	Coffee Break			
16:10-17:10	Keynote Speech 4 (ITCS 2010) (Chair: Ching-Hsien (Robert) Hsu, Chung Hua University, Taiwan) From Grid Computing to Cloud Computing: Experiences on Virtualization Technology by Prof. Hai Jin , Huazhong University of Science and Technology (HUST), China (ALCATRAZ Ballroom)			
17:10-17:20	Break			



17:20-18:50	<p>Session 2-A (HumanCom2010) Chair: Martin Wirz</p> <p>(Room: VIP Lounge)</p>	<p>Session 2-B (ITCS2010) Chair: Doo-Soon Park</p> <p>(Room: ALCATRAZ Ballroom)</p>	<p>Session 2-C (MUE2010) Chair: Deok Gyu Lee</p> <p>(Room: VALHALLA Hall Roofdeck Lounge)</p>	<p>Session 2-D (CBSIT2010) (WNGS2010) (AEITA 2010) Chair: Min Hong (Room: Green Room)</p>
19:00-21:00	<p>Conference Reception (Peninsula Beach)</p>			



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August 12, 2010 (Thursday)				
09:00-11:00	Session 3-A (HumanCom2010) Chair: Hangbae Chang (Room: VIP Lounge)	Session 3-B (ITCS2010) Chair: Dariusz Król (Room: ALCATRAZ Ballroom)	Session 3-C (MUE2010) Chair: JuHyun Song (Room: VALHALLA Hall Roofdeck Lounge)	Session 3-D (EMC2010) Chair: Olivier Deforges (Room: Green Room)
11:00-11:20	Coffee Break			
11:20-12:20	Keynote Speech 5 (HumanCom 2010) (Chair: Hai Jin, Huazhong University of Science and Technology (HUST), China) Social Games and Virtual Worlds as Macroscopes of Human Behavior by Prof. Jaideep Srivastava , University of Minnesota, USA (ALCATRAZ Ballroom)			
12:20-13:40	Lunch			
13:40-14:40	Keynote Speech 6 (MUE 2010) (Chair: Sang-Soo Yeo, Mokwon University, Korea) The Magic of Hypercube: From Parallel Computing to Multimedia by Prof. Borko Furht , Florida Atlantic University, USA (ALCATRAZ Ballroom)			
14:40-14:50	Break			
14:50-15:50	Keynote Speech 7 (EMC 2010) (Chair: Hangbae Chang, Deajin University, Korea) A Testbed for MANETs: Implementation and Learned Lessons by Prof. Leonard Barolli , Department of Information and Communication Engineering, Faculty of Information Engineering, Fukuoka Institute of Technology (FIT) , Japan (ALCATRAZ Ballroom)			
15:50-16:10	Break			
16:10-17:10	Keynote Speech 8 (ITCS 2010) (Chair: Changhoon Lee, Hanshin University, Korea) Ubiquitous/Pervasive Intelligence: Visions and Challenges by Prof. Laurence T. Yang , St. Francis Xavier University, Canada (ALCATRAZ Ballroom)			
17:10-17:20	Coffee Break			
17:20-18:50	Session 4-A (HumanCom2010) Chair: Stephen S. Yau Panel Session (Room: VIP Lounge)	Session 4-B (ITCS2010) Chair: Joon Young Kim (Room: ALCATRAZ Ballroom)	Session 4-C (MUE2010) Chair: Yang Sun Lee (Room: VALHALLA Hall Roofdeck Lounge)	Session 4-D (WIMUCS & MCC) Chair: Nils Hoeller (Room: Green Room)
19:00-21:00	Conference Banquet (Galapagos beach)			

August 13, 2010 (Friday)				
09:00-10:30	Session 5-A (HumanCom2010) Chair: Shamanth Kumar (Room: VIP Lounge)	Session 5-B (ITCS2010) Chair: Kiwon Yeom (Room: ALCATRAZ Ballroom)	Session 5-C (MUE2010) Chair: Nam-Mee Moon (Room: VALHALLA Hall Roofdeck Lounge)	Session 5-D (EMC2010) Chair: William W.-Y. Liang (Room: Green Room)
10:30-10:50	Coffee Break			
10:50-12:20	Session 6-A (HumanCom2010) Chair: Jongsung Kim (Room: VIP Lounge)	Session 6-B (ITCS2010) Chair: Deok Gyu Lee (Room: ALCATRAZ Ballroom)		Session 6-D (HumanCom2010) Chair: Changhoon Lee (Room: Green Room)
12:20-13:40	Lunch			
13:40-14:40	Session 7-A (HumanCom2010) IWEC 13:40-18:40 (Room: VIP Lounge)	Session 7-B (ITCS2010) Chair: Changhoon Lee (Room: ALCATRAZ Ballroom)		

Note :

1. A paper presentation should be made by one of authors of the paper, during a 15 minute time slot (12 minutes for the presentation itself and 3 minutes for Q/A).
2. All speakers of each session should meet the session chair at its room 10 minutes before the session.
3. We will prepare Windows XP laptops running the Adobe Reader and Microsoft Office 2003 for paper presentations. Please prepare your presentation files for being read by those applications.
4. IEEE reserves the right to exclude a paper from distribution after the conference (e.g., removal from IEEE proceedings) if you don't complete the registration or the paper is not presented at the conference.
5. If you have any query, please feel free to contact Changhoon Lee (cryptography1@gmail.com).



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DETAILED SCHEDULE FOR MUE 2010

August 11, 2010 (Wednesday)

08:00 - 08:30 Registration

08:30 - 10:30 Session 1-D: Embedded Systems, Software and Applications – EMC 2010

(Room: Green Room)

(Chair: Young-Sik Jeong, Wonkwang University, Korea)

- **Fast Hardware implementation of an Hadamard Transform Using RVC-CAL Dataflow Programming**
Khaled JERBI, Matthieu WIPLIEZ, Mickaël RAULET, Marie BABEL, Olivier DEFORGES, Mohamed ABID
- **Greenhouse environment monitoring and Automatic control system based on dew condensation prevention**
DaeHeon Park, ChulYoung Park, SungEon Cho, JangWoo Park
- **Prototyping Hierarchically Scheduled Systems using Task Automata and TIMES**
Mikael Åsberg, Thomas Nolte, Paul Pettersson
- **Implementation of a Surveyed Control Point Management System using CDMA Networks**
Jong Sik Cho, Yong Woong Lee, Jong Gil Ju, Hyun Yoe, Jang Woo Park, Chang sun Shin
- **Comparison of LLVM and GCC on the ARM Platform**
Jae-Jin Kim, Seok-Young Lee, Soo-Mook Moon, Suhyun Kim
- **A Workflow Service Scenario Based on uWDL for Smart Agriculture**
Yongyun Cho, Changsun Shin, DongGook Park, Sungeon Cho, Kyoungryong Cho, Jangwoo Park, Hyun Yoe
- **AoA localization system design and implementation based on Zigbee for applying Greenhouse**
ChulYoung Park, HoSung Cho, DaeHeon Park, SungEon Cho, JangWoo Park, YangSun Lee

10:30 - 10:50 Coffee Break

10:50 - 11:20 Opening Remark and Invited Talk

(Room: ALCATRAZ Ballroom)

(Chair: Prof. Hangbae Chang, Daejin University, Korea)

The IEEE Philippines Section and Its Recent Activities

Elmer P. Dadios, Chairman - IEEE Philippines Section, Philippines

11:20 - 12:20 Keynote Speech 1: HumanCom 2010

(Room: ALCATRAZ Ballroom)

(Chair: Prof. Stephen S. Yau, Arizona State University, USA)

The Grand Challenges of Cloud Computing

Dr. Jeffrey Voas, National Institute of Standards and Technology, USA

12:20 - 13:40 Lunch



13:40 - 14:40 **Keynote Speech 2: ITCS 2010**
(Room: ALCATRAZ Ballroom)
(Chair: Jongsung Kim, Kyungnam Universtiy, Korea)

Recent Trends and Challenges in the Security of e-Systems and Computer Networks

Prof. Mohammad S. Obaidat, Monmouth University, USA

14:40 - 14:50 **Break**

14:50 - 15:50 **Keynote Speech 3: EMC 2010**
(Room: ALCATRAZ Ballroom)
(Chair: Laurence T. Yang, St Francis Xavier University, Canada)

Ubiquitous IMS Emergency Services over Cooperative Heterogeneous Networks

Prof. Han-Chieh Chao, National Ilan University, I-Lan, Taiwan, ROC

15:50 - 16:10 **Coffee Break**

16:10 - 17:10 **Keynote Speech 4: ITCS 2010**
(Room: ALCATRAZ Ballroom)
(Chair: Ching-Hsien (Robert) Hsu, Chung Hua University, Taiwan)

From Grid Computing to Cloud Computing: Experiences on Virtualization Technology

Prof. Hai Jin, Huazhong University of Science and Technology (HUST), China

17:10 - 17:20 **Coffee Break**

17:20 - 18:50 **No Session Scheduled : EMC 2010**

19:00 - 21:00 **Conference Reception (Peninsula Beach)**



August 12, 2010 (Thursday)

09:00 - 11:00 Session 3-D:

Multimedia Computing and Software Engineering– EMC 2010

Real-time systems – EMC 2010

(Room: Green Room)

(Chair: Prof. Olivier Déforges, NSA Rennes, France)

- **Efficient Optimization of H.264 Decoder on PAC Duo SoC Platform**
Kuei_Chun Liu, Shau_Yin Tseng, Wen_Shan Wang, Jen_Kuei Yang, Wen_Chien Su
- **Parallel Streaming Intra Prediction for Full HD H.264 Encoding**
Ju Ren, Yi He, Huayou Su, Mei Wen, Nan Wu, Chunyuan Zhang
- **Traffic Policing over Various Ad Hoc Networks and Inter-Vehicular Communications**
Surasee Prahmkaew
- **MBBA: a Multi-Bandwidth Bus Arbiter for hard real-time**
Roman Bourgade, Christine Rochange, Marianne de Michiel, Pascal Sainrat

11:00 - 11:20 Coffee Break

11:20 - 12:20 Keynote Speech 5: HumanCom 2010

(Room: ALCATRAZ Ballroom)

(Chair: Hai Jin, Huazhong University of Science and Technology (HUST), China)

Social Games and Virtual Worlds as Macroscopes of Human Behavior

Prof. Jaideep Srivastava, University of Minnesota, USA

12:20 - 13:40 Lunch

13:40 - 14:40 Keynote Speech 6: MUE 2010

(Room: ALCATRAZ Ballroom)

(Chair: Sang-Soo Yeo, Mokwon University, Korea)

The Magic of Hypercube: From Parallel Computing to Multimedia

Prof. Borko Furht, Florida Atlantic University, USA

14:40 - 14:50 Break

14:50 - 15:50 Keynote Speech 7: EMC 2010

(Room: ALCATRAZ Ballroom)

(Chair: Hangbae Chang, Deajin University, Korea)

A Testbed for MANETs: Implementation and Learned Lessons

Prof. Leonard Barolli, Department of Information and Communication Engineering, Faculty of Information Engineering, Fukuoka Institute of Technology (FIT), Japan

15:50 - 16:10 Coffee Break



16:10 - 17:10 **Keynote Speech 8: ITCS 2010**
(Room: ALCATRAZ Ballroom)
(Chair: Changhoon Lee, Hanshin University, Korea)

Ubiquitous/Pervasive Intelligence: Visions and Challenge
Prof. Laurence T. Yang, St. Francis Xavier University, Canada

17:10 - 17:20 **Coffee Break**

17:20 - 18:50 **No Session Scheduled : EMC 2010**

19:00 - 21:00 **Banquet (Galapagos beach)**



August 13, 2010 (Friday)

09:00 - 10:30 Session 5-D: Interactive Multimedia & Intelligent Services – EMC 2010

(Room: Green Room)

(Chair: Prof. William W.-Y. Liang, National Taipei University of Technology, Taiwan)

- **A Quality Control Algorithm Based on Virtual Distance in Games**
Dewan Ahmed, Shervin Shirmohammadi
- **Profile Management System for Adaptive Content of Heterogeneous Devices**
Sang Boem Lim, Kyung Jun Gil, Soo Jeong Kim, Hyung Seok Kim
- **Uniform and Non-Uniform Zoning for Load Balancing in Virtual Environments**
Dewan Ahmed, Shervin Shirmohammadi
- **Developing a Computer-based Learning Tool for Biology**
Demelo Lao, Anthony Dei Dalida
- **Design and Implementation of a Critical Speed-based DVFS Mechanism for the Android Operating System**
Wen-Yew Liang, Po-Ting Lai

10:30 - 10:50 Coffee Break

10:50 - 12:20 No Session Scheduled : EMC 2010

12:20 - 13:40 Lunch



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Conference Venue



NAMES OF MOST BUILDINGS & FACILITIES FOLLOW AN ALPHABETICAL ORDER FROM A TO Z (COUNTER-CLOCKWISE).

FOOD	
R1	FIJI TOPS IN TEMPURA! LUNCH AND DINNER.
R2	KILIMANJARO KAFÉ EASY DINING BY THE POOL. OPEN 24 HOURS.
R3	PALERMO FRIENDLY ITALIAN CUISINE. DINNER.
R4	SAVANNAH GRILL BEST BURGER ON EARTH. DAILY 10 AM TO 8 PM.
SPA & SALON	
S1	MOGAMBO SPRINGS SPOIL YOURSELF. YOU DESERVE IT. HEALING MASSAGES AND SOOTHING TREATMENTS.
S2	BEAUTY SALON HAIRCUT, HAIR TREATMENTS, & NAILCARE.

SHOPPING & SPECIALTY BOOTHS			
M1	M2	M3	M4
TABAQUERA	JAMAICA MARKET	THE GALLERY	OPEN AIR SHOPS
SPORTS & RECREATION			
AQUA SPORTS ISLAND ADVENTURE TOURS, SUNSET CRUISE, BANCA RIDE, SCUBA DIVING, SNORKELING, PARASAILING, JETSKIS, HOBIE CAT, SPEEDBOAT, KAYAKS, & TOW RIDES.			
SAVANNAH PARK FIRING RANGE, SEGWAY, TENNIS COURTS, WALL CLIMBING, PITCH & PUTT, ARCHERY, KARAOKE, CHILDREN'S CENTER, CHILDREN'S PLAYGROUND.			
GYM & GAMEROOM TREADMILL, WEIGHTS, RANGE OF MOTION MACHINE, INVERSION TABLE, CROSS-TRAINER, STATIONARY BICYCLE, MULTI-GYM STATION, TABLETOP GAMES, BILLIARDS, PS2, NINTENDO WII, DARTS, INTERNET, AND BICYCLES.			



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Hotel Information

- Conference Venue and the Official Hotel of MUE 2010

- Plantationbay Resort: <http://plantationbay.com/>

- Plantationbay Resort is now offering special discounts for the conference delegates.

Plantationbay resort has decided to provide the following special room discount program for the conference delegates, and this discount program will be provided only to the conference registrants.

LAGOON SIDE ROOM - Typical Rate \$190++/night
Preferred by couples and smaller families who want to be close to the lagoon.
Conference Rate **\$150/night** (service charge and tax included)

LAGOON VIEW ROOM - Typical Rate \$170++/night
Exactly the same room and amenities as a Lagoon Side room, with a better view in fact, but just a little farther from the lagoon.
Conference Rate **\$150/night** (service charge and tax included)

POOLSIDE ROOM - Typical Rate \$150++/night
The #1 choice of smart shoppers - spacious and comfortable.
Conference Rate **\$150/night** (service charge and tax included)

- Booking Order Sheet:

- Room Booking Order Sheet: [\[Download\]](#)
- Travel Package Program for Participants departing from Incheon, Korea
 - *This includes round-trip air tickets (Incheon-Cebu), 3 nights room reservation, and simple guidance service.* Booking Order Sheet: [[Download \(PDF, HWP\)](#)]