You are cordially invited to Kuching, Sarawak, Malaysia on 1st – 3rd December 2020

IEEE R10 Humanitarian Technology Conference
1000 Flights Weekly to Malaysia &
2500 Seats Daily into Kuching via Kuala Lumpur & Singapore

FLIGHTS INTO SARAWAK
Malaysia Airlines
AirAsia
Scoot
Tigerair
Malindo Airways

VISA

https://www.malaysiaairlines.com
https://www.airasia.com
https://www.flyscoot.com
https://www.malindoair.com
Location: South East Asia
Federal Administrative Centre: Putrajaya
Capital: Kuala Lumpur
Population: 31 million

Official Language: Bahasa Melayu
Widely Spoken: English
Tropical Weather: (21°C to 33°C)
Venue Sponsor: Swinburne University of Technology Sarawak Campus
Promotion funding of RM75K
Venue sponsorship worth RM20K
Initial loan of RM20K
Visit us at https://r10htc2020.org/
Sarawak, known as Land of the Hornbills, is an amazing place where you can experience the best of “old world charm” with “new world conveniences”. Sarawak was once known hundreds of years ago for its fierce headhunting tradition (which is no longer practiced today). Today, it is rapidly gaining ground as a place where Business Meets Adventure.

Sarawak is the largest State of Malaysia’s 13 States, which covers an area of 125,000 sq. km, approximately the size of Greece. The steep interior terrain, luxuriant with tropical rainforests, gives birth to mighty rivers. The population is 2.5 million people, approximately 10 percent of Malaysia’s population. From towering mountains to underwater diving treasures, Sarawak has it all. One of the iconic UNESCO World Heritage Site worth visiting is the Mulu National Park, covering 55,000 hectares. It is the biggest National Park in Sarawak with mystery and magic of Bones that lured the cream of the scientific world since it was first discovered.

Sarawak is a place rich in natural resources (timber, oil, gas among them), tens of thousands of species of flora and fauna, and a harmonious multi-cultural, multi-racial community population of 28 different ethnic groups.
DECEMBER 2-3, 2020 | KUCHING, SARAWAK, MALAYSIA

8TH IEEE R10 HUMANITARIAN TECHNOLOGY CONFERENCE 2020

DIGITAL ECOSYSTEM FOR HUMANITY

ABOUT THE IEEE R10 HTC

IEEE Region 10 Humanitarian Technology Conference (R10 HTC) is the premier annual cross-disciplinary conference that provides a common platform for engineers, technologists, scientists, investors, representatives from NGOs, governments, academia and the industry to discuss recent advances in Humanitarian Technologies. The conference promotes discussions and presentations from the fields of Electrical & Electronic Engineering, Artificial Intelligence, Computing & IT, Security, Disaster Management, Smart Cities & Villages, Industrial Revolution 4.0, Digital Commerce, Education, Healthcare and relevant areas of research.

IEEE R10 HTC 2020 will be held in Kuching, Malaysia from December 2 to 3, 2020. The conference is organized by IEEE Region 10 Technical Committee on Humanitarian Technology (R10 HTC) and supported by IEEE Region 10.
MEET THE
ORGANIZING COMMITTEES

General Chair
Lau Bee Theng
(Swinburne University of Technology, Malaysia)

Co-Chair
Mohammad Faizal Ahmad Fauzi
(Multimedia University, Malaysia)

Secretary
Jacey-Lynn Minoi
(University Malaysia Sarawak)
GETTING TO KNOW THE
TENTATIVE PROGRAMMES

**DAY 1 (1 Dec)**

- **0830 - 0900** | Registration
- **0900 - 1000** | Keynote #1: Emerging Digital Ecosystems for Humanity
- **1000 - 1030** | Tea Break
- **1030 - 1230** | Parallel Sessions #1
- **1230 - 1400** | Lunch
- **1400 - 1600** | Parallel Session #2
- **1600 - 1615** | Tea Break
- **1615 - 1740** | Parallel Session #3

*END OF DAY*
Important Dates

- **FULL PAPER SUBMISSION**: 30 Apr 2020
- **PAPER ACCEPTANCE**: 30 Jun 2020
- **FINAL PAPER SUBMISSION**: 31 Jul 2020
- **CONFERENCE DAY**: 1-3 Dec 2020

**Special Session and Workshop Proposals**
- **Open**: 01 Dec 2019
- **Deadline**: 1 Jan 2020
- **Acceptance**: 15 Jan 2020
IEEE R10 HTC 2020 will be held in Kuching, Malaysia from December 1 to 3, 2020. The conference is hosted by IEEE Sarawak Subsection with the theme “Digital Ecosystem for Humanity”. We invite you to submit your original papers and join us in Kuching, a city on the island of Borneo.

CALL FOR PAPERS

All papers will be published in IEEE R10 HTC 2020 Conference Proceedings, which are expected to be included in IEEE Xplore and indexed by Scopus. All submissions will be peer-reviewed by experts in the respective field.

IMPORTANT DATES

Submission Opens – Dec 1, 2019
Special Session & Workshop Proposal – Jan 1, 2020
Full Paper Submission – Apr 30, 2020
Notification of Acceptance – Jun 30, 2020
Final Camera-ready Paper Submission – Jul 31, 2020
Author’s Registration – Sep 30, 2020

PAPER SUBMISSION

DOWNLOAD CFP
Proposed Fees

MOST ATTRACTIVE
CONFERENCE REGISTRATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Fee</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEEE Student Member &amp; Life Member</td>
<td><strong>USD200</strong> / person</td>
<td>Conference Kit, Paper Publication</td>
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<tr>
<td>Non-IEEE Student Member</td>
<td><strong>USD250</strong> / person</td>
<td>Conference Kit, Paper Publication</td>
</tr>
<tr>
<td>IEEE Member (Earlybird Discount - valid till 31 Jul)</td>
<td><strong>USD270</strong> / person</td>
<td>Conference Kit, Paper Publication, Conference Dinner, Cultural Tour</td>
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<tr>
<td>Non-IEEE Member (Earlybird Discount - valid till 31 Jul)</td>
<td><strong>USD325</strong> / person</td>
<td>Conference Kit, Paper Publication, Conference Dinner, Cultural Tour</td>
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**Note:** Earlybird discounts are valid until 31 July.
Tentative Pre-Conference Activities

Special session on 30 Nov titled, Educational Activities and Digital Technology for Humanity and Life-Long Learning chair by Emeritus Professor Lance Fung

Keynote on 30 Nov, titled "Humanity begins with Education Activities” by Chair of EAB PECC and Prof Lee Yoot Khuan
Accommodations
There are over 4036 rooms in categories of 3 to 5 stars, budget motels and boutique hotels. As you can see the prices are astonishingly low, thanks to our poor exchange rate! Which benefits you. Currently you pay only 70 to 125 US dollars for a 5 star hotel room.

<table>
<thead>
<tr>
<th>Category</th>
<th>Type</th>
<th>No. of Rooms</th>
<th>Average Cost – Daily Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Stars</td>
<td>Single/Double</td>
<td>1015</td>
<td>RM 305 – RM 500</td>
</tr>
<tr>
<td>4 Stars</td>
<td>Single/Double</td>
<td>1377</td>
<td>RM 300 – RM 450</td>
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<tr>
<td>3 Stars</td>
<td>Single/Double</td>
<td>325</td>
<td>RM 120 – RM 350</td>
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<td>Budget</td>
<td>Single/Double</td>
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<td>RM 68 – RM 120</td>
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<tr>
<td>Boutique</td>
<td>Single/Double</td>
<td>127</td>
<td>RM 70 – RM 600</td>
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<tr>
<td>Resort</td>
<td>Single/Double</td>
<td>459</td>
<td>RM 200 – RM 1000</td>
</tr>
</tbody>
</table>

*The information is provided by Ministry of Tourism Sarawak and is correct at the time of printing in 2016.

**All hotel rates (by web rate) are correct at the time of printing, exclusive of 16% service & government tax in 2016.

*** All Exchange rates are for illustration purposes at RM4: USD1
Hotels & City Attractions: Affordable, Accessible, and Centralised!

- Walk 1-15 mins to everywhere!
- USD3 to Airport / Convention venue
- USD30-100 for hotel room

UCSI Hotel
- From City Centre: 9 km
- Imperial Kuching
- From city centre: 5.9 km
- 55 Hotel
- From City Centre: 4.9 km
- Ciladines Uplands Kuching
- From City Centre: 5.3 km
- Dorset Boutique Hotel
- From City Centre: 3.8 km

Kuching International Airport
- From city centre: 9.2 km

Annah Rais Longhouse
- Distance: 57.2 km
- From Old Courthouse
- Duration: 1 hr 13 mins
- By Ground Transportation

Sarawak Cultural Village
- Distance: 33 km
- From City Centre
- Duration: 49 mins
- By Ground Transportation
Hilton Kuching Hotel
www.Hilton-Kuching.com
Hilton boasts 315 elegantly appointed guestrooms with breathtaking river views or colourful city views. Facilities include a fully equipped gymnasium, tennis courts, an outdoor swimming pool amidst landscaped gardens, 6 delightful food and beverage outlets, a full range of business services and wireless broadband connections throughout the building.

The Waterfront Hotel
http://thewaterfrontkuching.com/
The Waterfront Hotel is a brand new 5 star boutique hotel located in the heart of the Legacy Square historic district of Kuching. Situated above the Plaza Merdeka shopping center and surrounded by many historical architectural landmarks, it serves as an anchor in the neighbourhood.
Merdeka Palace Hotel and Suites
http://www.merdekapalace.com/
Merdeka Palace Hotel & Suites combines the finest comfort with great hospitality and service, offering guests affordable luxury. Strategically located in the city centre just 25 minutes from the airport, the 20-storey privately owned 5-star hotel provides 213 hotel rooms and apartment suites.

Riverside Majestic Kuching Hotel
http://www.riversidemajestic.com/
is overlooking the Sarawak River, the hotel commands a panoramic view of the city and the Kuching Waterfront. It is 20 minutes away from the Kuching International Airport and just minutes away from the city’s major tourist attractions. Adjacent to the hotel is a 5-storey shopping podium featuring a cinema complex and bowling centre.
Accommodations

**Pullman Kuching**


The newest addition to the 5-star international brands in the city. Located in the heart of Kuching on top of the hill at Jalan Mathies, Pullman Kuching offers an astonishing panoramic view. The hotel is adjacent to a two-storey city life-style shopping centre “Hills Shopping Mall” and is within walking distance to the commercial centre and city attractions.

**Grand Margherita Kuching**

[https://www.grandmargherita.com/](https://www.grandmargherita.com/)

The hotel is situated in the heart of the city’s business, entertainment and shopping district, the hotel is 20 minutes drive from the Kuching International Airport. With tourist attractions such as the Kuching Waterfront, Tua Pek Kong Chinese Temple, Fort Margherita and Main Bazaar nearby, Grand Margherita Hotel certainly has the best location in the city for business or leisure.
Accommodations

**Citadines Uplands Kuching**

is set in the culturally rich city of Kuching, Citadines Uplands is located in the prime location of Jalan Simpang Tiga, a hub for education and local federal government administration offices. Across is The Spring Shopping Centre, one of the largest shopping malls in East Malaysia and this strategic location provides a quick 10-minute drive to the Samajaya Free Industrial Zone.

**Imperial Hotel Kuching**

the latest and largest addition to Kuching’s 4 star business hotels is strategically located just 10 minute’s drive from the Kuching International Airport and 10 minutes to the city’s central business district. It sits on top of the Boulevard Shopping Mall and adjoins the Imperial Suites.
Local Cuisine
Sarawak is truly a food-lover’s paradise! For those missing the tastes of home, you’ll be comforted to know there are many international cuisines right here in this corner of Borneo alongside Kosher, Gluten-free, Vegan and Vegetarian selections. And for those who feel adventurous, feel free to explore all the mouth watering cuisines of the Malay, Chinese, Indian and various Tribal groups that live here. Sarawak’s own food is organic freshly grown and locally sourced from the neighbouring jungles, so quality and freshness is always guaranteed.
Local Cuisine

- Belacan Bihun (Spicy Prawn Broth Vermicelli)
- Ayam Penyet with Ririg leaves
- Dabai (Sarawak Olives)
- Umai (Sashimi)
- Ikan Terubok Masin (Salted Fish)
- Ulat Mulong (Sago Worms)
VALUE FOR MONEY
BORNEO IS A FOOD PARADISE!
Local Tour
Kuching City Heritage Tour

A perfect introduction to Sarawak’s historical capital, Kuching. This informative three-hour tour covers many of Kuching’s sights including the Cat Statue, Tua Pek Kong Chinese Temple and the world famous Sarawak Museum. Take a walk through Old Kuching along the narrow alleyways visiting the Central Markets and heritage building of the White Rajah era.

You'll be picked up from your selected Kuching hotel, and taken across the river to visit the unique Cat Museum, passing the magnificent State Mosque and the Astana, the former residence of the White Rajahs. Tour returns via the golden-domed City Mosque where you'll proceed on foot through Old Kuching, visiting the colorful Central Markets and squeezing through narrow alleyways crammed with spice dealers and textile shops. Pass by the heritage buildings of the White Rajah era, the Pavilion, the Square Tower, the Court House, the Charles Brooke Monument and the Post Office.
Main Bazaar

This is the oldest street in Kuching, dating back to 1864. It represents the very heart and soul of Kuching’s history. Charming examples of old Chinese shop house architecture remain, most of which have been owned by the same families for generations. Historically, tin-smiths and carpenters started their trade here. Today, Main Bazaar is best known for having Kuching’s highest number of antique and handicraft shops. Across the road is the Kuching Waterfront, the first port of call even for ancient traders. The White Rajahs built their Astana (palace) on the opposite banks, where it still stands. Today, the Kuching Waterfront remains the best introduction to Kuching city.

Sarawak River Cruise

The Sarawak River Cruise is a double-decker cruiser on the Sarawak River that provides a wide range of sightseeing experiences along the Kuching skyline. It caters to tourists on lazy meanders along the riverine mangrove forests, private dinner functions complete with traditional Orang Ulu music and dance; and even speed-dating events. More than ideal is to hold executive board or committee meetings in the middle of the Sarawak River on board the Equatorial, followed by dinner and cocktails. Here, business meets pleasure at its best.
The Santubong Peninsular is where the forest meets the sea under the peak of Mount Santubong, just 40 minutes’ drive from the city centre and 60 minutes’ drive from the airport. Two neighbouring resorts, Damai Beach and Damai Puri, lead Kuching’s weekend beach playground. Outdoor activities range from snorkeling and other water sports, to international standard 18-hole golf. Island cruises, fishing, dolphin watching, guided mountain climbing and rainforest trekking are available. Damai is all-in-one themed highland haven and beach paradise.

Damai Central

Damai Central is a brand new, multi-purpose complex set on 3.5 hectares of coastal land next to the two main beach resorts, the Sarawak Cultural Village, and the Damai Golf and Country Club. The complex was completed in late 2011 and envisioned as an oasis of activities. It houses facilities for shopping, water and beach sports, food and beverage, entertainment, and a bazaar. Damai Central presents a perfect setting for themed events that comfortably accommodate up to 1,200 for banquets or cocktail receptions.
Step back in time to Sarawak Cultural Village

SCV is an award-winning living museum that displays the cultures of the 6 major groups of peoples in Sarawak. Traditional ethnic dwellings of the major tribes cover the 14 acres located at the foothills of Mount Santubong, about 35 km from Kuching. Visitors get to experience how rice is prepared by hand, bake sago cakes in a traditional kiln, try using the blowpipe - the most traditional of deadly hunting weapons - and step lively to the ngajat, the traditional dance that epitomizes the annual cultural festive season. Interactive cultural performances take place daily.
The Iban tribe is Sarawak’s largest indigenous group, with a wonderful culture of song, dance and art based on centuries of commune with the rainforest. Nanga Sumpa is an Iban longhouse situated in the last remaining habitat of wild orang utans, Batang Ai National Park. It is one of the few traditional longhouses in Sarawak with facilities specially built for the visitor. They get to experience a day in the life of an Iban villager, sampling tuak (traditional rice wine), sitting at the ruai (veranda), taking a walk in the forest or orchard; and at the end of the day, a welcome retreat to the visitors’ lodge built by the villagers for a good night’s rest.
Rainforest Kayaking

There are more rivers in Sarawak than there are roads. And most of these rivers are flanked by beautiful rainforest with overhanging branches. The best way to enjoy the landscape is to float downriver on an open kayak along the Sungai Sarawak Kiri as experienced guides lead the way. The tour comes complete with a short stopover at a Bidayuh village, a simple picnic lunch and guaranteed stunning views. Ideal for groups of 8 to 40.

Gunung Gading Rafflesia Safari

You cannot miss a peek at the Rafflesia, the world’s largest flower. The Rafflesia can grow up to 1 metre in diameter. Its pride of place is in the Gunung Gading national park, which also offers a number of attractive walking trails, leading through primary rainforest to beautiful waterfalls. The National Park is a 2 hour drive from Kuching city.
Mangrove and Irrawaddy Dolphin Watching Cruise

Sail down the heavily silted mangrove swamp, which is a safe haven to creatures like mudskippers, crabs, monkeys and reptiles. The Santubong area is one of the best for dolphin watchers to spot Irrawaddy (also known as snub fin) Dolphins in the shallow and brackish waters. As the light starts to fade, we will search for the rare proboscis monkey and when dusk arrives, we will search for crocodiles. We will then proceed to where the fireflies gather at night for a wonderful natural light show.
Semenggoh Wildlife Rehabilitation Centre

The Semenggoh Wildlife Centre was established in 1975 to care for wild animals which have either been found injured in the forest, orphaned, or were previously kept as illegal pets. The centre is situated within the boundaries of the Semenggoh Nature Reserve, approximately 24 km from Kuching.

The Centre has been a resounding success, caring for almost 1,000 endangered mammals, birds and reptiles from dozens of different species. However it is the “Heart to Heart with Orang utan” rehabilitation programme that has made the Centre famous. In one respect, Semenggoh has been too successful – so many orang utan have been successfully reintroduced into the surrounding forest reserve that the forest’s carrying capacity has been reached; and rehabilitation activities have been transferred to the Matang Wildlife Centre, part of Kubah National Park.
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