

**January 19-21, 2019**  
**University of Malaya**  
**Kuala Lumpur, Malaysia**

Address: Faculty of Engineering, University of Malaya, 50603, Kuala Lumpur, Malaysia  
<https://www.um.edu.my/>

**2019 the 4th International Conference on  
Multimedia and Image Processing  
(ICMIP 2019)**

**2019 the 3rd International Conference on  
Cryptography, Security and Privacy  
(ICCSP 2019)**

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# Welcome Letter

Dear Participants,

Welcome to 2019 Kuala Lumpur Conferences! The conferences aim to bring together international academicians, scientists and industrialists for knowledge sharing, ideas exchanging and outcomes collaborating and presenting in multimedia and image processing, cryptography, security and privacy.

We wish to take this opportunity to express our heartfelt appreciation to our Conference Advisory Committee, IEEE and IET Fellow, Prof. Ce Zhu, University of Electronic Science and Technology of China, China; Conference Chairs, IEEE and IET Fellow, Prof. Chin-Chen Chang, Feng Chia University, Taiwan and Prof. Yulin Wang, Wuhan University, China; Conference Steering Chair Prof. Liyanage C De Silva, University of Brunei Darussalam, Brunei Darussalam; Conference Program Chairs Prof. Ramayah T, Universiti Sains Malaysia, Malaysia; Prof. Shuangbao Wang, Columbus State University, USA and Prof. Hao Xiangyang, Information Engineering University, China. And our Conference Local Chair Prof. Datin Dr. Sameem Binti Abdul Kareem, University of Malaya, Malaysia.

Also, we would like to thank the committee members for their hard work in making smooth running of the conferences. Many thanks to the reviewers for their excellent job to maintain the academic quality and scholarship.

Finally, we would like to thank you, our participants, for coming to Kuala Lumpur to share your knowledge with us. We hope our conferences will prove to be intellectually stimulating to you as to us.

Hope you enjoy the conferences, the food, the hospitality, and the beautiful and charming environment of Kuala Lumpur!

**Conference Organizing Committees**

# Conference Committees

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Prof. Ce Zhu, IEEE and IET Fellow, University of Electronic Science and Technology of China, China

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Dr. Sarfraz Iqbal, Linnaeus University, Sweden

Dr. Paulo Jorge dos Mártires Batista, CIDEHUS.UÉ - Interdisciplinary Center of History, Cultures and Societies of the University of Évora, Portugal

Dr. Bilal Abu Salih, Curtin University, Australia

# Instructions

## Registration Guide:

Arrive at the Conference Venue→Inform the conference staff of your paper ID→Sign your name on the Participants List→Check your conference materials.

## Checklist:

1 receipt, 1 name card, 1 printed conference abstract, 1 lunch coupon, 1 dinner coupon, 1 computer bag, 1 USB stick (paper collection).

## Devices Provided by the Conference Organizers:

Laptops (with MS-Office & Adobe Reader)

Projectors & Screen

Laser Sticks

## Materials Provided by the Presenters:

PowerPoint or PDF files

## Duration of each Presentation:

Regular Oral Session: 15 Minutes of Presentation including 2-3 Minutes of Q&A

## Notice:

\*Certificate of Listener can be collected in the registration counter.

\*Certificate of Presentation can be collected from the session chair after each session.

\*The organizer will not provide accommodation, so we suggest you make an early reservation.

\*One best presentation will be selected from each session. The best one will be announced when each session ends and will be awarded by the session chair after each session in the meeting room.

## Contact Us:

ICMIP 2019: Ms. Sukie Yao

E-mail: [icmip2016@vip.163.com](mailto:icmip2016@vip.163.com)

Tel: +86-18381008370

Website: <http://www.icmip.org/>

ICCSP 2019: Ms. Mandy Ming

E-mail: [iccsp\\_conf@126.com](mailto:iccsp_conf@126.com)

Tel: +86-13731111131

Website: <http://www.iccsp.org/>

# Agenda Overview

※Note:

4F: Lecture Hall, Conference Room (Bilik Persidangan), Cafeteria

2F: The Cube

## January 19, 2019

10:00-17:00      Participants check-in & Materials Collection—Lobby 1F

## January 20, 2019-Morning Schedule

Venue: Lecture Hall (4F)

- 09:00-09:05**      **Opening Remark**  
**Prof. Yulin Wang, Wuhan University, China**
- 09:05-09:45**      **Speaker I**  
**Prof. Chin-Chen Chang, IEEE and IET Fellow, Feng Chia University, Taiwan**  
Speech Title: Sharing Secrets Using Authenticatable Digital Images
- 09:45-10:25**      **Speaker II**  
**Prof. Shuangbao Wang, Columbus State University, USA**  
Speech Title: Quantum Cryptography – Security at Birth
- 10:25-10:50**      **Coffee Break and Group Photo (Foyer 4F)**
- 10:50-11:30**      **Speaker III**  
**Prof. Liyanage C De Silva, Dean, University of Brunei Darussalam, Brunei Darussalam**  
Speech Title: Internet of Things (IoT) Leading to Internet of Trees (IoT)
- 11:30-12:10**      **Speaker IV**  
**Prof. Yulin Wang, Wuhan University, China**  
Speech Title: Image Authentication and Tamper Localization based on Semi-Fragile Hash Value
- 12:10-13:30**      **Lunch at Cafeteria 4F**

## January 20, 2019-Afternoon Schedule

### Parallel Oral Presentation Sessions

- 13:30-15:50**      **Session1: Communication and Information Network**      [Lecture Hall (4F)]  
**Invited Speaker: Dr. Chau Kien Tsong, Universiti Sains Malaysia, Malaysia**  
Speech Title: Physicality and Tangibility in Digital Multimedia  
Papers: A0004 A0006 A0035 A0047 A023 A024 A034 A063
- 13:30-15:50**      **Session 2: Cryptography and Encryption Technology** [Bilik Persidangan (4F)]  
**Invited Speaker: Dr. Parameshachari B D, GSSS Institute of Engineering and Technology for Women, India**  
Speech Title: Controlled Partial Image Encryption Based on LSIC and Chaotic Map  
Papers: A017 A028 A048 A059 A044 A056 A066 A057
- 13:30-15:45**      **Session 3: Computer and Information Engineering**      [The Cube (2F)]  
Papers: A025 A0019 A0021 A0041 A0044 A0031 A0048 A060 A064
- 15:50-16:10**      **Coffee Break (Foyer 4F)**
- 16:10-18:10**      **Session 4: Pattern Recognition**      [Lecture Hall (4F)]  
Papers: A0016 A0026 A0037 A0042 A007 A015 A062 A038
- 16:10-18:10**      **Session 5: Network and Information Security**      [Bilik Persidangan (4F)]  
Papers: A006 A008 A040 A046 A026 A049 A052 A029
- 16:10-18:25**      **Session 6: Image Processing Technology and Method**      [The Cube (2F)]  
Papers: A0007 A0009 A0024 A0039 A0040 A0043 A0027 A0036 A0038-A

### Poster Session

- 16:10-18:25**      **Papers: A1001 A047 A001 A021 A012**      [Foyer 4F]
- 18:25-20:00**      **Dinner at Cafeteria 4F**

## January 21, 2019

- 09:00-17:00**      **One-Day Tour in Kuala Lumpur**  
Onsite registration cannot be accepted



# Venue Map

