

# ITW 2017 KAOHSIUNG

## 2017 IEEE Information Theory Workshop

Kaohsiung Exhibition Center, Kaohsiung, Taiwan / November 6–10, 2017

<http://www.itw2017.org>



IEEE



國立交通大學  
National Chiao Tung University



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The 2017 IEEE Information Theory Workshop will take place in Kaohsiung, Taiwan, from November 6 to 10, 2017. Based at the southern tip of the island and facing the Taiwan Strait, Kaohsiung is the second largest city in Taiwan and is one of the major seaports in Asia. Love-River cruises, night markets, delicious seafood, and day tours out into nature or to historic Tainan are some of the many attractions awaiting you in Southern Taiwan. Situated directly by the waterfront, the Kaohsiung Exhibition Center (KEC) serves as workshop venue. It is a brand-new and multi-functional facility, designed by an international, pro-environment team of architects and built in the shape reminding of a billowing sail. The workshop participants will have an unforgettable experience visiting and enjoying some of the most dazzling attractions in Kaohsiung.

### Call for Papers

Interested authors are encouraged to submit previously unpublished contributions in all areas of information theory with special emphasis on the following :

#### • Information Theory for Content Distribution

- Distributed data storage
- Peer-to-peer network coded broadcasting
- Coded caching for wireless and wireline transmissions
- Delay-constrained communications

#### • Information Theory and Biology

- Information theory and intercellular communications
- Information theory and neuroscience
- Information-theoretical analysis of biologically-inspired communication systems

#### • Information Theory and Quantum Communications

- Quantum information
- Quantum computation
- Quantum cryptography

#### • Information Theory and Coding for Memories

- New coding techniques for non-volatile memory channels
- Coding and signal processing for dense memory
- Multi-dimensional coding for storage channels

### Paper Submission

Paper submission guidelines will be posted on the workshop's website : <http://www.itw2017.org>

### Poster

The technical program will feature a poster session. Details about poster submissions will be announced on the workshop's website by late July, 2017.

### Important Dates

Paper submission deadline : **May 7, 2017**

Acceptance notification : **July 21, 2017**



## Call For Papers