

# IWDW2015 Special Session

Copyright protection has become an important issue due to the growing amount of illegal content being distributed all over the world. The IHC (Information Hiding and its Criteria for evaluation (<http://www.ieice.org/iss/emm/ihc/en/>)) Committee is working to improve this situation through the use of watermark technologies. In particular, it aims to help develop standard evaluation criteria and to sponsor watermark competitions based on these criteria to promote the development of protection measures for the content industry. The evaluation criteria will be revised in accordance with the advances in watermarking technology, the needs of the content industry, and the practicality of the competition.

With the common evaluation criteria for information hiding, each proposed technique or algorithm is fairly compared with other ones, which is clearly beneficial not only for academia but also for industry. The special session will provide an international forum for researchers, academicians, and practitioners in the field of fundamental tools and applications using information hiding for images, videos, and audio to present their latest results in these areas.

In the past 3 years, the IHC committee have organized the following competitions:

- 1<sup>st</sup>: Special Session of FIT2012 (Domestic Symposium)
- 2<sup>nd</sup>: Special Session of FIT2013 (Domestic Symposium)
- 3<sup>rd</sup>: IWIHC2014 (International Workshop conjunctioned with ASIACCS2014)

The new version of the IHC evaluation criteria is available from the following URL:

[http://www.ieice.org/iss/emm/ihc/IHC\\_criteriaVer4.pdf](http://www.ieice.org/iss/emm/ihc/IHC_criteriaVer4.pdf)

## Scope and Topics

We would like to hold a special session on watermark technique based on the common evaluation criteria at IWDW2015. The IHC evaluation criteria for robust watermarking involves three documents categorized by digital content such as

- Image
- Video
- Audio

We encourage researchers to submit papers that highlight the techniques and algorithms for robust watermark based on the common criteria. The papers should involves the data evaluated on the basis of the IHC evaluation criteria (please see “Information Required for Submission” in the IHC evaluation criteria for detail). Among the schemes satisfying the criteria, we will select some schemes getting high robustness and high quality.

**Paper Submissions:** Submissions must be written in English and be fully anonymous with no author names, affiliations, acknowledgements, or obvious references. They should be written in the standard LNCS format, and should be submitted electronically in PDF format following the guideline of IWDW2015. A detailed description of the electronic submission procedure will be available at the IWDW2015 website.

Submissions must involve the data evaluated on the basis of the IHC evaluation criteria (please see “Information Required for Submission” in the IHC evaluation criteria for detail ([http://www.ieice.org/iss/emm/ihc/IHC\\_criteriaVer4.pdf](http://www.ieice.org/iss/emm/ihc/IHC_criteriaVer4.pdf))).

Submitted papers must not substantially overlap papers that have been published or that are simultaneously submitted to a journal, conference or workshop. Simultaneous submission of the same work is not allowed. At least one author of each accepted paper is required to register with the IWDW2015 workshop and present the paper at the special session.

Each submitted paper will be reviewed by at least two reviewers. The proceedings will be involved in IWDW 2015, and will be published as the Lecture Notes in Computer Science (LNCS) by Springer.

#### **Special session organizer:**

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#### **What is IHC ?**

IHC means Information Hiding and its Criteria for evaluation committee. IHC's activities are (1) Develop criteria for evaluating robust watermarking schemes, (2) Disclose these criteria, and call for schemes that meet them, (3) Evaluate schemes on the basis of the criteria and identify those that meet them, (4) Call for attacks on the identified schemes, and (5) Evaluate the effectiveness of the attacks. For more details, please visit our site.

<http://www.ieice.org/iss/emm/ihc/en/>

Contact information:

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