A Proposal to Create CISTC Newsletter

1. Background and Justification

CISTC is a technical committee under IEEE ComSoc. The TC is aiming to promote "security of all types of communication networks and forms of information transported by them and through them, end to end". Clearly, security is a very important hot topic in the academia and industry. Because of that, currently we have more than 5000 members, according to the mailing lists.

1.1 CISTC Sponsored Conferences

Within the scope of ComSoc, the CISTC mainly sponsored three ComSoc flag-ship conferences, specifically, the CISS symposium at IEEE ICC, the CISS symposium at IEEE Globecom, and the newly established IEEE CNS. In the past few years, the CISS symposia only have about 100~200 submissions, which is much smaller than the total number of TC members.

1.2 CISTC Mailing Lists

Currently, CISTC maintains two mailing lists.

- cistc@comsoc.org has a large number of members (5000+) but there are very few mails. Mails can only posted by the CISTC chair, including
  - Announcement for CISTC sponsored the symposia and conferences (The CISS symposium in ICC, The CISS symposium in Globecom, and CNS)
  - Announcement related for CISTC annual meetings (at ICC and Globecom)
  - Announcement for other activities (standards, award, etc.)
- cistc_distribution@comsoc.org allows every member to post. But the list only includes a small portion of the members.
  - Lack of significance and impact

1.3 A Brief Summary

By analyzing the current situation of the CISTC, we notice that our TC has not fully utilized the large number of members, and the significant interests in the security.

2. Objectives

To address the aforementioned problems, we propose to create CISTC newsletter. The objectives of the newsletter are as the follows

- To facilitate the dissemination of important information amongst CISTC members
  - Job openings
  - Funding opportunities
  - Conferences
  - Journals

- o Best papers
- o CISTC Awards
- To create a better community for discussing CISTC related technologies
  - o Basics and fundamentals
  - o Advanced topics
  - o Future directions
- To encourage more collaborations amongst CISTC members
  - o Announcement for job openings
  - o Groups with common interests
  - o Standardization efforts

3. Content

3.1 Message from the Chair (or Editor)

Key announcement and overview of the current issue of the newsletter

3.2 CISTC News

This section can include the following topics:

- CISTC Awards (calls and announcement)
- CISTC best readings list (introduction)
- Distinguished Lecturers (introduction)
- Industry experts (introduction)
- Funding opportunities
- Job openings
- CISTC sponsored events
- CISTC related technologies
- CISTC related prototypes and systems
- CISTC related standardization efforts
- CISTC related education efforts

3.3 Conferences

This section can include information about CISTC related conferences:

- Call for papers
- Call for TPC members
- Call for participation
- Announcement of the best paper awards
- Summaries of past conferences

3.4 Publications

This section can include information about CISTC related publications:

- Books published by TC members
- Upcoming special issues
- Upcoming deadline for book chapters
- Summary of past special issues
- Reviews for CISTC related books

3.5 CISTC Technologies

In this section, we can discuss topics related to the CISTC technologies:

- Stories in the history
- Contributions of researchers
- Hot topics
- New technology trends
- Review of outstanding articles
- Industry experts' view

3.6 List of Events

In this section, we can summarize important dates for activities mentioned in the previous sections of the newsletter. The dates shall be presented in a chronological order and can include:

- Submission deadlines
  - Job applications
  - Conferences (abstract/registration, full paper, camera ready, etc.)
  - Special issues
- Dates for events
  - Notifications of conferences
  - Dates for conferences
- Other important dates
  - Registrations for conferences
  - Nominations of awards
  - Applications to travel grants

3.7 Contact information

4. Responsibility

The CISTC officers will be responsible for collecting information from CISTC members and prepare the newsletter. The detailed tasks assignment for information collection is as the follows.

- TC Chair: collecting news (Section 3.2)
- TC Vice Chair for Conference: collecting information about conference (Section 3.3)
- TC Vice Chair for Publication: collecting information about publication (Section 3.4)
- TC Secretary: collecting other information (Section 3.5)

After collecting information, the CISTC officers will compile information and prepare the newsletter accordingly.

In the future, we may find one or more TC members to collect information and prepare the essays for certain sections.

5. Frequency

We envision that CISTC newsletters can be posted every two months at the beginning. If we have more information, we may apply a higher frequency, but no more than one issue per week.

6. Timeline

- April 2014: to discuss among TC officers and past chairs
- May 2014: to disseminate the proposal to CISTC members and request for feedbacks
- June 2014: to discuss and approve the proposal in CISTC meeting
- July 2014: to collect information for the first issue of the newsletter
- August 2014: to post the first issue of the newsletter and to continue collecting information