

Report on 38th IN/NS Research Workshop

Masahiro YOSHIDA[†], Kotaro MIHARA^{††}, Takashi IKEBE^{††},
 Tetsuya OISHI^{††}, Akihiro NAKAO^{†††}, Noburou TANIGUCHI^{††},
 Fumitaka HOSHINO^{††††}, Kohei WATABE^{†††††}, Tetsu JO^{††††††},
 Kunio HATO^{†††††††}, Kenji ISHIDA^{††††††††}



[†]Chuo Univ., ^{††}NTT Corp., ^{†††}The Univ. of Tokyo, ^{††††}Univ. of Nagasaki,
^{†††††}Nagaoka Univ. of Tech., ^{††††††}KDDI Research, Inc.,
^{†††††††}INTERNET MULTIFEED Co., ^{††††††††}Hiroshima City Univ.

1. Introduction

The 38th IN/NS Research Workshop took place online on March 10th, 2022. Here, all invited speakers, panelists, and audiences participated online. The workshop was sponsored by the technical committee on Network Systems (NS) and Information Networks (IN) of the IEICE Communications Society. The overall theme was “Current Status and Challenges of Cyber Security in the Post-Corona Era.” The workshop’s aim was to discuss the technical direction and research topics for cybersecurity. A record showing of 65 participants testified to the success of the workshop. The workshop featured one invited talk session (four speakers) and one panel session.

2. Invited Speakers

The general chair of the workshop, Prof. Kenji Ishida (Hiroshima City University), invited four distinguished leaders in evolution of information networks (Fig. 1). These speakers addressed the topics related to cybersecurity. Figures 2 to 5 show photographs of the speakers.



Fig. 1 Moderator: Prof. Ishida

Dr. Daisuke Inoue (NICT) presented the latest frontiers of cybersecurity.



Fig. 2 Invited speaker: Dr. Inoue

President Satoru Koyama (N.F. Laboratories Inc. / NTT Communications) presented cybersecurity measures in NTT Communications.



Fig. 3 Invited speaker: Pres. Koyama

Prof. Tatsuya Mori (Waseda University) presented research trends concerning cybersecurity and AI.



Fig. 4 Invited speaker: Prof. Mori

Prof. Tsutomu Matsumoto (Yokohama National University) presented research trends concerning physical security and cybersecurity.



Fig. 5 Invited speaker: Prof. Matsumoto

3. Panel Session

After the invited talks, the panel session was held. The session was moderated by the general chair, Prof. Ishida. All of the above invited speakers were invited as panelists. In this session, the trends, the future visions, problems of utility, policy for cybersecurity and future technologies in the post-corona era were discussed.

4. Conclusion

This year's workshop invited key persons to speak on the evolution of cybersecurity for the post-corona era. We believe that the presentations given by the invited speakers and the subsequent panel discussion provided intellectual stimulation to the audience and fruitful insight into future research and development.

The technical committee on NS and IN plans to hold next year's workshop in March 2023. Finally, we would like to express our gratitude to the workshop committee members, particularly to Shigefumi Naito (NEC Corp.), Kouki Inoue (Fujitsu Limited), Akira Murakami (TOSHIBA Corp.), Yuta Muto (Hitachi, Ltd.), and Keiichi Iwata (Mitsubishi Electric Corp.) who made this workshop possible.