



Global Business Dialogue on Electronic Commerce  
**Cyber Security Issue Group Workshop**

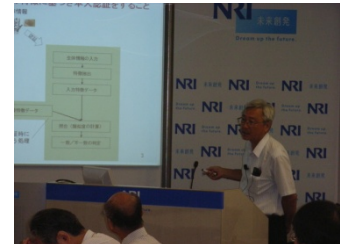
**Abstract**

**Presentation #1**

“Popularizing Biometric Security”

Mr. Hideaki Kobayashi

Laboratory Manager, IT Security Center, IPA



Biometric authentication that enables personal authentication with what the user has (in terms of biometric feature) is growing to be widely used. To prevent users from having misconception about biometric authentication, educational materials and tools should be provided that help them obtain objective information about it. Developers of biometric authentication products should be encouraged to develop adequate developing technology so they can create safe, secure biometric authentication products.

IPA is undertaking promotion and educational activities for a safe, secure information security infrastructure. We would like to introduce the overview of those activates and offer a glimpse at the direction IPA is taking.

**Presentation #2**

“Current Status and Challenges of the Biometrics Security”

Dr. Masahiro Mimura

Senior Engineer

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Biometric technology is rapidly growing as an individual identification method in various areas. In this session, current status and challenges of security on biometric technology is reported, including the challenges unique to biometric technology, the approach method for overcoming such challenges, regarding the latest technology and standardization activities.

## Presentation #3

“View of Biometrics Security”

Prof. Naohisa Komatsu

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In this session, explanation about personal authentication methods and associated parameters as well as characteristics of biometric authentication and its operational requirements are given. In addition, authentication accuracy evaluations that support organization in determining the authentication method that should be applied are explained, and then discuss the trends in the international standardization activities carried out by ISO/IEC.

Studies and standardization activities on biometric security technology are being promoted in Japan and overseas, and we will focus on the progress of the study on template protection. Finally, challenges and future outlook of biometric authentication will be described.