6th ASQN(Asia Software Quality Network) Conference

SQiP International Group,
Union of Japanese Scientists and Engineers

1.ASQN Conference in Beijing, China

ASQN Conference was held in Beijing, China on Friday, 29th June.

[ASQN title screen at Beijing, China]

While the software quality has been focused in global, ASQN is an Asian countries community to shares researches and case studies of software quality improvement, grows each other and present them to global. The activity is to hold annual conference sharing of experiences case studies. Many organizations about software quality in Asian countries are considering participation and have participated from China, Malaysia, Korea, Philippines, Thailand, Singapore, Vietnam and Japan.

The venue was Hotel Nikko New Century Beijing. ASQN was held conjunction with 22nd China International Software Expo(CISE2018). CISE2018 was held from Friday 29th June to Monday 2nd July. It seems one of biggest software expo in China that have over ten thousand participants. Many banners of CISE2018 were hanged at side of Beijing roads. This indicated CISE2018 was the expo of whole Beijing.

[Banners of CISE2018 were hanged at side of Beijing roads]
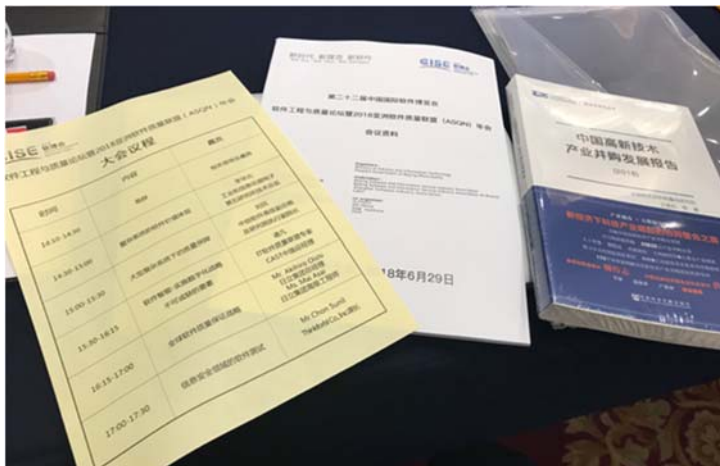

[ASQN members in a waiting room]

In the luxurious waiting room at the ASQN venue, lecturers and stakeholders from China, Korea and Japan gathered, and they were deepening exchanges with those who first meet or those who meet for the first time in a year. The ASQN venue was the ballroom of the Hotel, with over 150 participants. The seats were not enough, so seats were prepared for all participants. Many participants were young Chinese engineers, their clothes were jeans and T-shirts. The highest temperature of the day in Beijing was expected to 39 degrees, so it was a hot summer outside the venue, and participants might wear cool dress.

[ASQN at the venue]

2. ASQN Conference overview

Materials distributed to participants were program, presentation materials, and a related book. Most of the participants were Chinese, so most of the materials were Chinese.

[Materials: program, presentation materials, and a related book.]

This ASQN had three countries, China, Japan and Korea in order of the presentations. There were three presentations from China, one presentation by Mr. Oishi and Ms. Asai from Hitachi, Japan, and one presentation from South Korea. Table 1. <ASQN conference schedule> shows the conference schedule that the presentations were organized from 14:00 until 17:30.

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[presenters from China, Japan and Korea]

Table 1. <ASQN conference schedule>

Time	Title	Presenter(s)
14:10-14:30	Greeting	(organizers)
14:30-15:00	Values of Software in Complex Systems	Huabei Li, Ministry of Industry and Information Technology Fifth Research Institute, China
15:00-15:30	Quality Assurance of Large Complex Systems	Min Liu, Senior Vice President, Zhongchuang Software
15:30-16:15	Software Intelligence- Essential Items for Implementation of Digital Strategy	Fan Zhu, General Manager of CAST Software
16:15-17:00	The Strategy of Global Quality Assurance	Akihiro Oishi and Mai Asai, Hitachi, Ltd.
17:00-17:30	How Can I tell there have been enough tests	Chon Sunil, ThinkforBL

＊Translated ASQN in Chinese

(http://www.bsia.org.cn/fro/content.action?contentId=201806220508514941)

[Organizer's greetings]

The greetings of the organizers were given by China Industrial Information Technology Department and Beijing Software and Information Industry Service Association.

After the greetings of the organizer, the first presentation was "Values of Software in Complex Systems" by Mr. Huabei Li from Ministry of Industry and Information Technology Fifth Research Institute, China. The area using artificial intelligence grew and showed the recognition that software entered a new era. In the complicated system of that new era, he explained that the software would be applied to new areas and values of software would increase.

["Values of Software in Complex Systems", Huabei Li, Ministry of Industry

and Information Technology Fifth Research Institute, China]

 The second presentation was "Quality Assurance of Large Complex Systems" by Min Liu, Senior Vice President, Zhongchuang Software. She showed the surveillance system of IT equipment covering all over China as an example and explained how to guarantee the quality of a large-scale complex system.

["Quality Assurance of Large Complex Systems" by Min Liu, Senior Vice President, Zhongchuang Software]

 The third presentation was "Software Intelligence - Essential Items for Implementation of Digital Strategy" by Fan Zhu, General Manager of CAST Software. Software intelligence in this presentation was how to get insights into complex systems, for examples, software intelligence includes software metrics and fault information. As a practice of the software intelligence, He introduced the initiatives of the Consortium for IT Software Quality (CISQ) established by Carnegie Mellon University's Software Engineering Institute (SEI) and the Object Management Group (OMG).

["Software Intelligence- Essential Items for Implementation of Digital Strategy", Fan Zhu, General Manager of CAST Software]

The fourth presentation was "The Strategy of Global Quality Assurance" by Mr., Akihiro Oishi and Ms. Mai Asai from Hitachi, Ltd. Japan. As a quality assurance strategy at their company, they presented their practical challenges to maintain the competitiveness with managing the quality risk of products and services. It was a very persuasive presentation based on their actual challenges.

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["The Strategy of Global Quality Assurance", Akihiro Oishi and Mai Asai, Hitachi, Ltd.]

The final presentation was "How Can I tell there have been enough tests" by Chon Sunil from ThinkforBL. He discussed a method for performing more adequate tests using various coverage measurements such as test case coverage and cause coverage. That method was also applied when actually testing the drone.

[How Can I tell there have been enough tests" by Chon Sunil from ThinkforBL.]

3. Next ASQN conference
Next ASQN conference will be held in 2019, and the date and place are being adjusted in member each country. As soon as it's decided, we will announce it.

＊After the conference, ASQN members took a group picture. ASQN will be preparing for ASQN in the next year.

[ASQN members group picture]