



Improving Security Together

Tule külasta meid
Kom og besøg os
Kom och besök oss

Tule käymään
Obiščite nas
Prídte nás Navštivit!

Veniti sa ne vizitati
Kom ons bezoeken

Ejja arana

Jöjjön el látogatóba!
Atvaziuokite Mūsų aplankyti!

Nāciet ciemos!

Visite-nos!

Venez nous voir

Venga a visitarnos

Kommen Sie vorbei !

Odwiedz nas!

Come and visit us

มาเยี่ยมชมเรา



© Osaka Convention & Tourism Bureau

FIRST TC @ OSAKA

Osaka 2018 FIRST Technical Colloquium

14-16 March 2018



welcome to Osaka.

It is our pleasure to welcome you to the 2018 FIRST Technical Colloquium here in Osaka. We are sure that the combination of the location, the programs, the presenters and the attendees will make an exciting three days for us all.

The tagline for the FIRST TC in Osaka, "Beyond IoT Security", asks us how we can prepare and collaborate incident response for IoT Security among the FIRST teams. We are also believing the tagline which will be linked to the 30th Annual FIRST Conference to be held this year in Kuala Lumpur. TC includes three sessions; Presentation Track, Hands-On Classes and Summit Days (FIRST.org VRDX-SIG organized 2nd Global Vulnerability Reporting Summit). We believe that the FIRST TC in Osaka will trigger the new global era of the FIRST, too.

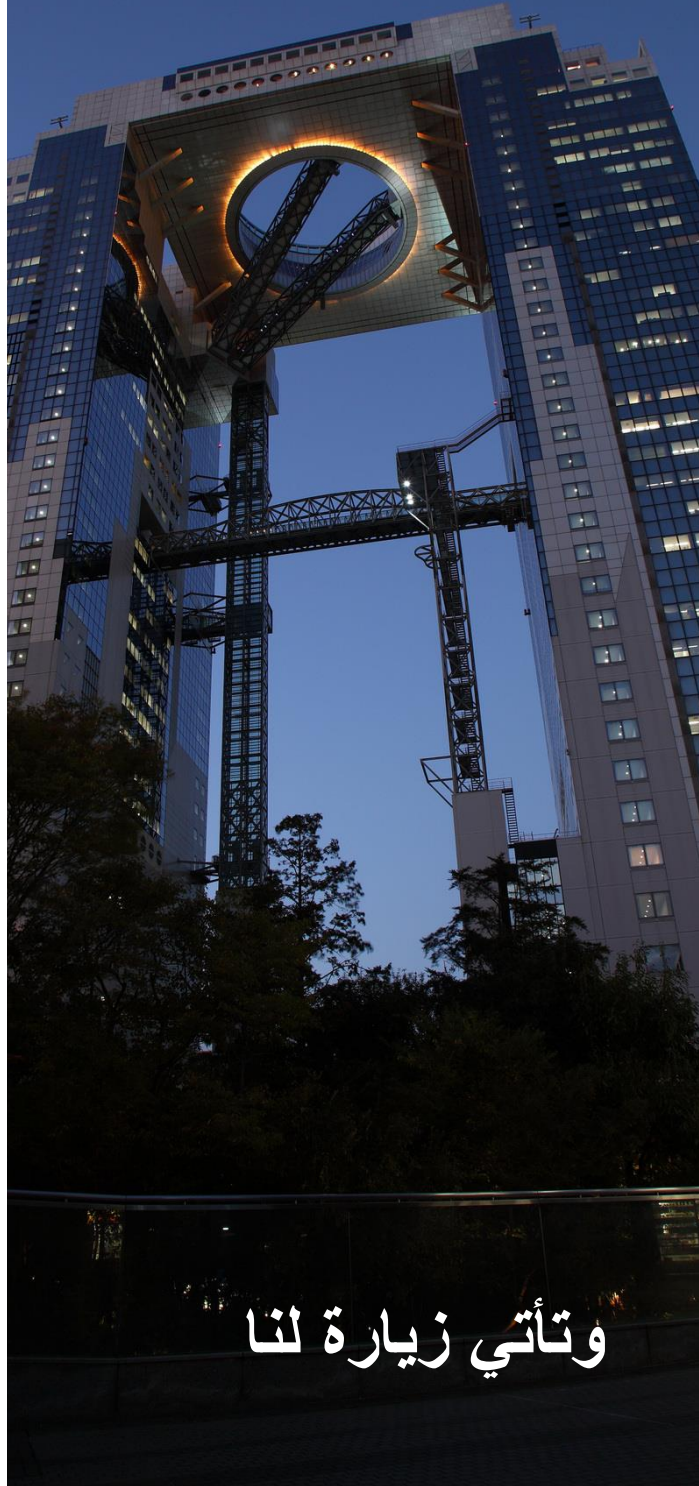
Osaka is located on roughly the center of Japan. Osaka City, which was incorporated in 1889, has a population of 2.69 million and an area of 225.21 square kilometers. After the plum blossoms, sumo comes to Osaka City; the annual Osaka Tournament takes place at the Osaka Prefectural Gymnasium in middle of March (March 11-25, 2018). The colorful banners that belong to each wrestler are displayed in front of the venue and the huge wrestlers can be seen walking the streets of the city. Also as you know, Osaka is known as a city of gourmet, aka: "kuidaore," which translates literally as "eat till you drop." This means that there are the variety of restaurants, and other various eating and drinking establishments in Osaka. We hope you will enjoy Osaka as much as you will enjoy the TC.

We would like to thank all of the people who have worked to bring FIRST TC in Osaka together, Nora Duhig, the Steering Committee and all of those who have put in an enormous amount of time and effort.

FIRST Japan Teams are looking forward to seeing everyone in beautiful spring Osaka!

Masato Terada

와서 우리를 방문
前来参观我们
Приезжайте к нам



وتأتي زيارة لنا

FIRST TC @ OSAKA
Osaka 2018 FIRST Technical Colloquium
14-16 March 2018



organization committee.

General Chair

Masato Terada (HIRT)

Advisory Committee

Atsushi Kubo (NISC)

Koichiro Komiyama (JPCERT/CC)

Finance Committee

Akiko Numata (HIRT)*

Fumie Watanabe (DeNA CERT)

Program Committee

Yuki Shigeiwa (DeNA CERT)*

Yuhei Ohtsubo (CFC)

Kosetsu Kayama (FJC-CERT)

Mamoru Saito (IIJ-SECT)

Takayuki Uchiyama (JPCERT/CC)

Tatsuya Kitao (MUFJ-CERT)

Itaru Kamiya (NTT-CERT)

Yoshiki Sugiura (NTT-CERT)

Mitsuhiro Hatada (NTT Com-SIRT)

Kunio Miyamoto (NTT DATA-CERT)



7. Takoyaki

Local Arrangement Committee

Yuta Miura (KDDI-SOC)*

Katsuyuki Matsumoto (SoftBank CSIRT)*

Hideaki Ito (DOCOMO-CSIRT)

Masahiro Tajima (IL-CSIRT)

Yoshitaka Inoue (NTT-CERT)

Ikuya Hayashi (NTT Com-SIRT)

Kouji Ooki (NTT WEST-CIRT)

Masanobu Manmoto (NTT WEST-CIRT)

Naho Matsumoto (NTT WEST-CIRT)

Shigehisa Sano (NTT WEST-CIRT)

Takahiro Nukushina (NTT WEST-CIRT)

Tomoya Inoue (NTT WEST-CIRT)

Hikohiro Yen P Lin (Panasonic PSIRT)

Manabu Nakano (Panasonic PSIRT)

Takaya Kawasaki (Recruit-CSIRT)

Yuji Ino (Recruit-CSIRT)

Kyoji Shibutani (Sony PSIRT)

Hitoshi Endoh (YJ-CSIRT)

Liaison Committee

Tsuneo Ogasawara (JSOC)*

Shinichi Nagano (JSOC)

Yasunari Momoi (IIJ-SECT)

Hiroko Okashita (IPA-CERT)



1. Sushi

Auditing Committee

Ataru Ishii (NTT-CERT)*

Hiroki Iwai (DT-CIRT)

Publicity Committee

Chiyuki Hirata (DeNA CERT)*

Naoko Ohnishi (HIRT)

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Kaori Tosaka (Rakuten)

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NTT WEST Training Center (Nippon telegraph and telephone west corporation)

Osaka TC

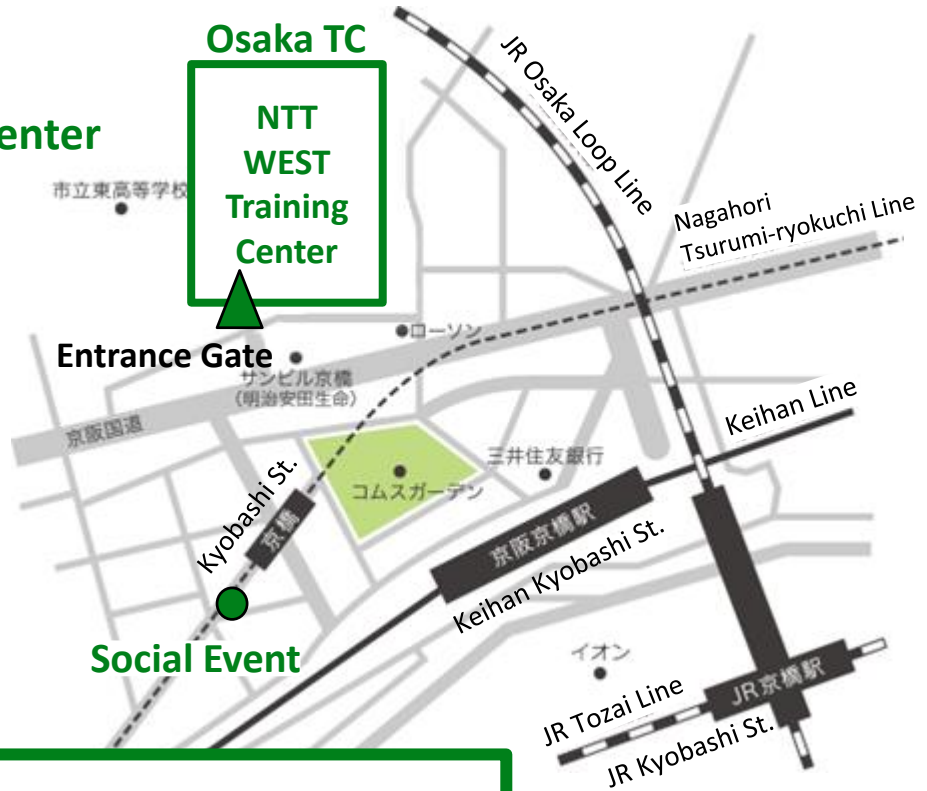
NTT WEST Training Center

4-15-82 Higashinodamachi,
Miyakojima-ku, Osaka-shi,
Osaka-fu, 534-0024 Japan

Social Event

GARB DRESSING

1-2-1 Higashinodamachi,
Miyakojima-ku, Osaka-shi,
Osaka-fu, 534-0024 Japan



Osaka TC



Entrance

Presentation Track
Hands-on Classes
Summit Days



Under construction



Osaka TC Name Badge Required

security guard

Entrance Gate



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schedule at-a-glance.

0		1F Room1	5F Room2	5F Room3	5F Room4
Mar 14	11:00-13:00	Registration			
	13:00-13:10	FIRST TC Opening			
	13:10-17:40	Presentation track			Summit Days
	18:00-20:00	Ice Breaker Reception			
Mar 15	09:00-09:10	Opening Remarks			
	09:10-12:00	Presentation track		Hands-On Class2	Summit Days
	13:30-18:30	Presentation track	Workshop Class1	Hands-On Class2	Summit Days
	19:00-21:00	Social Event			
Mar 16	09:00-09:10	Opening Remarks			
	09:10-12:00	Presentation track	Hands-On Class3	Hands-On Class4	Summit Days
	13:30-17:10	Presentation track	Hands-On Class3	Hands-On Class4	Summit Days
	17:10-17:20	Closing Remarks			



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Presentation Track and Hands-On

"Beyond IoT Security"

Over the past few years, the Internet of Things (IoT) has become an essential part of everyday life. From a security standpoint, protecting IoT devices and infrastructures that rely on IoT devices has been and still remains a challenge. The FIRST TC in Osaka will gather subject matter experts from around the globe to talk about the challenges we face and how they are being tackled. For those that are involved in securing IoT devices, the FIRST TC presentation track in Osaka provides information on the following topics:

- Product security in general
- Securing safety critical devices
- Regulations related to IoT devices
- Incident observation case studies
- Threats beyond IoT

In addition to the presentation track, there also are four hands-on/workshop training sessions. These training sessions provides attendees with hands-on incident response experience.



11. Yakitori



6. Tempura



Summit Days

2nd Global Vulnerability Reporting Summit

"Vulnerability Information Systems"

FIRST.org VRDX-SIG organized 2nd Global Vulnerability Reporting Summit consists of working sessions on a number of vulnerability information systems topics. The primary goal of the summit is to develop a global vision to improve multiple aspects of the vulnerability response lifecycle. Anybody that is developing, using, or considering standards, specifications, initiatives, or practices related to the following topics should attend the summit:

- Vulnerability identification, naming, and tracking
- Vulnerability data formats and information sharing
- Severity, priority, and threat assessment
- Inventory and software component transparency
- High-volume data management and automation
- Non-technical obstacles to vulnerability reporting and response

Vulnerability Reporting and Data eXchange SIG (VRDX-SIG)

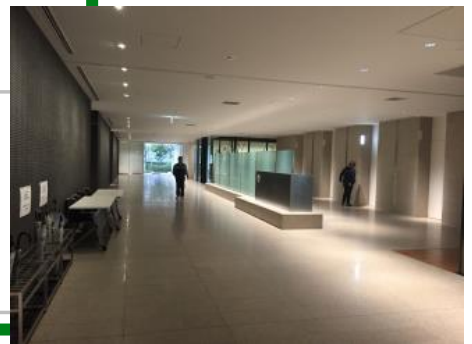
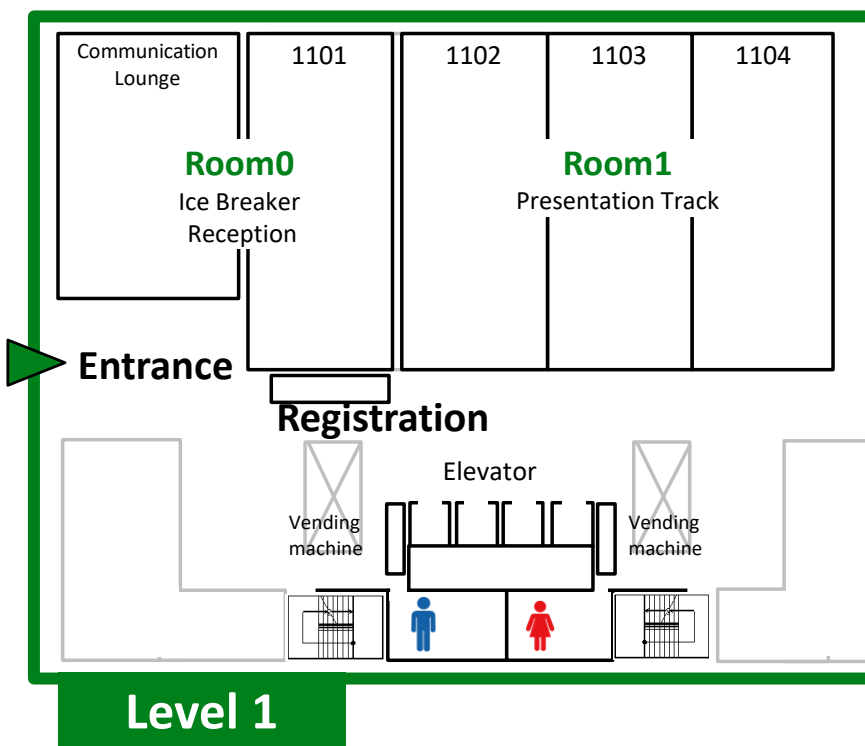
<https://www.first.org/global/sigs/vrdx/>

"VRDX-SIG is primarily chartered to research and recommend ways to identify and exchange vulnerability information across disparate vulnerability databases. Vulnerability databases have different scopes, areas of coverage, identification systems, data schemes, feeds, and supporting languages. These differences lead to difficulty tracking and responding to vulnerability reports. By studying existing practices, the SIG seeks to develop recommendations on how to better identify, track, and exchange vulnerability information across disparate vulnerability databases.

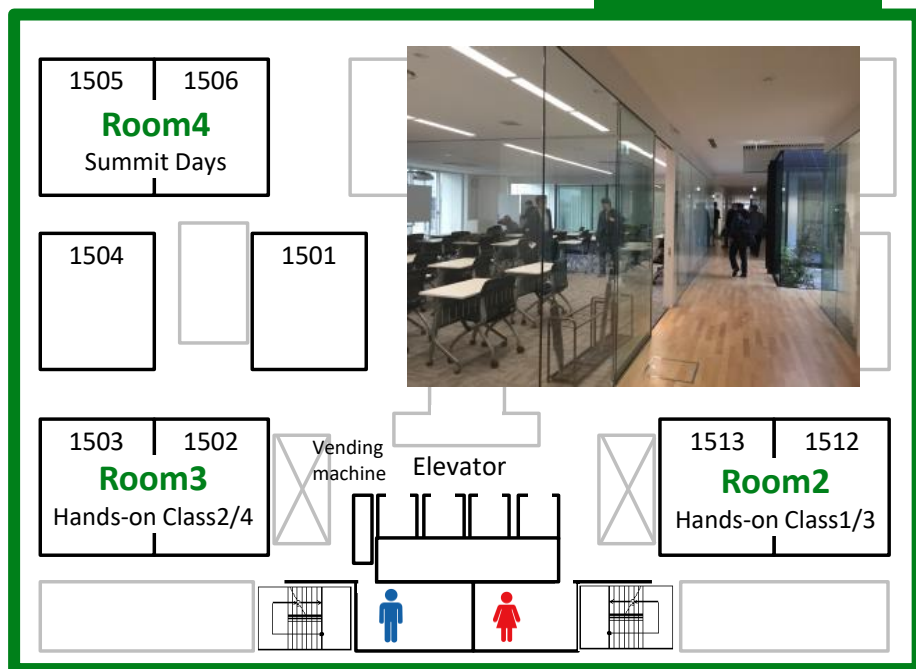


floor plans.

NTT WEST Training Center (Nippon telegraph and telephone west corporation)



Level 5



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WEDNESDAY, 14 March 2018

	Presentation Track //1F Room1	Summit Days //5F Room4
13:00-13:10	Opening Remarks //1F Room1	
13:10-14:10	STATE OF THE NET <i>Mikko Hypponen (F-Secure), FI</i>	Introductions
14:10-15:00	A new cyber attack detection technology for future factory systems <i>Takeshi Yoneda (Mitsubishi Electric Research Laboratories), JP</i>	Review of outcomes from 1st Global Vulnerability Reporting Summit
15:00-15:30	Coffee & Networking Break	
15:30-16:20	Patching cars <i>Gaus Rajnovic (Panasonic), UK</i>	Review of activities / initiatives since the 1st Global Vulnerability Reporting Summit
16:20-17:00	Reigning in the raw Power of PyMISP thanks to Python <i>Steve Clement (CIRCL), LU</i>	Discussion on topics to be discussed for the working sessions
17:00-17:40	Beyond paste monitoring: deep information leak analysis <i>Jānis Džeriņš (CERT.LV), LV</i>	
17:40-18:00	Short Break	
18:00-20:00	Ice Breaker Reception //1F Room0	

11 Must eat foods in Osaka

1. Sushi & Sashimi
2. Yakiniku
3. Ramen
4. Udon
5. Japanese Curry
6. Katsu, Tempura & Donburi
7. Takoyaki
8. Okonomiyaki
9. Oden
10. Kushikatsu
11. Yakitori



5. Japanese Curry



4. Udon



THURSDAY, 15 March 2018

	Presentation Track //1F Room1	Summit Days //5F Room4
09:00-09:10	Opening Remarks //1F Room1	
09:10-10:00	A Multi-Stakeholder Approach in the Fight Against Cybercrime <i>Tang Kok Leong, Augustus (Interpol), SG</i>	Vulnerability identification, naming, and tracking
10:00-10:30	Coffee & Networking Break	
10:30-11:20	What happened to your home? IoT Hacking and Forensic with 0-Day <i>Moonbeam Park (KISA) and Yongseon Choi (Raon Secure), KR</i>	Vulnerability identification, naming, and tracking (cont.)
11:20-12:00	FIRST Board and Team Updates	Vulnerability data formats and information sharing
12:00-13:30	Lunch Break	
13:30-14:20	Your good roommates: Friendly IoT devices <i>TimYeh, DoveChiu and Kenney Lu (Trendmicro), TW</i>	Vulnerability data formats and information sharing (cont.)
14:20-15:00	CERT/CSIRT Engagements Experience in Developing Asia Pacific Economies <i>Adli Wahid (APNIC), AU</i>	Severity, priority, and threat assessment
15:00-15:40	Scaling Properties of Software and System Security <i>Paul Vixie (Farsight Security), US</i>	
15:40-16:10	Coffee & Networking Break	
16:10-17:00	Big Expensive Problems in Cheap Little Things <i>Thomas Millar (US-CERT), US</i>	Inventory and software component transparency
17:00-17:50	Die Hard 104: Attacking and Controlling IEC-60870-5-104 Protocol-Based ICS/SCADA IoT Network Devices <i>Bernhards Blumbergs (CERT.LV), LV</i>	
17:50-18:30	Coping with fast and furious cyber threats - Malaysia CERT Experience <i>Megat Muazzam Abdul Mutalib and Norlinda Jaafar (MyCERT), MY</i>	Review of 1st day discussion
18:30-19:00	Short Break	
19:00-21:00	Social event	



THURSDAY, 15 March 2018

	Workshop //5F Room2	Hands-On //5F Room3
09:00-09:10	Opening Remarks //1F Room1	
09:10-12:00		Class2; MISP Training <i>Steve Clement and Andras Iklody (CIRCL), LU</i>
12:00-13:30	Lunch Break	
13:30-15:00	Class1: Investigations OpSec <i>Krassimir Tzvetanov (Fastly, Inc.), US</i>	Class2: MISP Training (cont.)
15:00-18:30		
18:30-19:00	Short Break	
19:00-21:00	Social event	

FIRST Board and Team Updates

11:20-11:50

Internet Governance and FIRST initiatives

Maarten Van Horenbeeck (FIRST.org), US

11:50-12:00

30th Annual FIRST Conference at Kuala Lumpur in June

Megat Muazzam Abdul Mutalib and Norlinda Jaafar (MyCERT), MY



8. Okonomiyaki



3. Ramen



FRIDAY, 16 March 2018

	Presentation Track //1F Room1	Summit Days //5F Room4
09:00-09:10	Opening Remarks //1F Room1	
09:10-10:00	ICT-ISAC's activity on IoT security <i>Satoshi Noritake (ICT-ISAC), JP</i>	High-volume data management and automation
10:00-10:30	Coffee & Networking Break	
10:30-11:10	Fail frequently to avoid disaster, or how to organically build a threat intel sharing standard <i>Andras Iklody (CIRCL), LU</i>	High-volume data management and automation (cont.)
11:10-12:00	Parents' view on Internet of Toys <i>Przemek Jaroszewski and Anna Rywczynska (CERT Polska/NASK), PL</i>	Non-technical obstacles to vulnerability reporting and response
12:00-13:30	Lunch Break	
13:30-14:20	The day your IP camera took down a website: An In-Depth Analysis of Emerging IoT Botnets <i>Fernando Díaz Urbano (Koodous), ES</i>	Non-technical obstacles to vulnerability reporting and response (cont.)
14:20-15:10	All your base are belong to our Red Team <i>Ryo Mishina and You Nakatsuru (Secureworks), JP</i>	Review of 2nd day discussion
15:10-15:40	Coffee & Networking Break	
15:40-16:20	Team Cymru IoT Research <i>Jacomo Piccolini (Team Cymru), BR</i>	Review of 2 nd Global Vulnerability Reporting Summit
16:20-17:10	A new innovative system to handle an Incident in an organized and guided way <i>Venkat Ramshet (Flexible IR), IN</i>	
17:10-17:20	Closing Remarks //1F Room1	



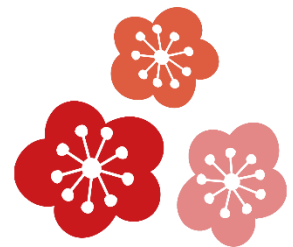
FRIDAY, 16 March 2018

	Hands-On //5F Room2	Hands-On //5F Room3
09:00-09:10	Opening Remarks //1F Room1	
09:10-12:00	Class3: Digital Forensics & Incident Response Against Targeted Attacks <i>Hiroshi Suzuki, Hisao Nashiwa, and Minoru Kobayashi (IJ), JP</i>	Class4: Incident Response and Cyber Threat Intelligence with TheHive, Cortex & MISP <i>Saâd Kadhi (Banque de France), FR</i>
12:00-13:30	Lunch Break	
13:30-17:10	Class3: Digital Forensics & Incident Response Against Targeted Attacks (cont.)	Class4: Incident Response and Cyber Threat Intelligence with TheHive, Cortex & MISP (cont.)
17:10-17:20	Closing Remarks //1F Room1	

10. Kushikatsu



Osaka Castle Plum Orchard



Throughout February and March the orchard comes alive with pink, red and white of plum trees blossom.



first japan teams.



<https://fb.me/first.japan.teams/>

Member

CDI-CIRT (Cyber defense institute Incident Response Team)
CFC (Cyber Force Center)
DeNA CERT (DeNA Computer Emergency Response Team)
DOCOMO-CSIRT (DOCOMO Computer Security Incident Response Team)
DT CIRT (Deloitte Tohmatsu Computer Incident Response Team)
FJC-CERT (Fujitsu Cloud CERT)
Fuji Xerox-CERT (Fuji Xerox CERT)
HIRT (Hitachi Incident Response Team)
IIJ-SECT (IIJ Group Security Coordination Team)
IL-CSIRT (Intelli-CSIRT)
IPA-CERT (IPA-CERT)
JPCERT/CC (JPCERT Coordination Center)
JSOC (Japan Security Operation Center)
KDDI-SOC (KDDI Security Operations Center)
KKCSIRT (Kakaku.com Security Incident Response Team)
LINE-CSIRT (LINE Computer Security Incident Response Team)
MBSD-SIRT (Mitsui Bussan Secure Directions, Inc. Security Incident Response Team)
MUFG-CERT (Mitsubishi UFJ Financial Group - CERT)
NCSIRT (NRI Secure Technologies Computer Security Incident Response Team)
NISC (National Center of Incident Readiness and Strategy for Cybersecurity)
NTT Com-SIRT (NTT Communications Security Incident Response Team)
NTT-CERT (NTT Computer Security Incident Response and Readiness Coordination Team)
NTTDATA-CERT (NTTDATA-CERT)
Panasonic PSIRT (Panasonic Product Security Incident Response Team)
Rakuten-CERT (Rakuten-CERT)
Recruit-CSIRT (Recruit Cyber Security Incident Response Team)
Ricoh PSIRT (Ricoh Product Security Incident Response Team)
SoftBank CSIRT (SoftBank Computer Security Incident Response Team)
Sony PSIRT (Sony Product Security Incident Response Team)
YJ-CSIRT (Yahoo! JAPAN Computer Security Incident Response Team)

Related activities

- 2003** **October 2003 FIRST Technical Colloquium, Tokyo, JP**
October 6–7, 2003
Hosted by IIJ-SECT, JPCERT/CC
- 2007** **FIRST Japan Teams (Founded on August 18, 2007)**
- 2008** **March 2008 FIRST Technical Colloquium, Tokyo, JP**
March 25–28, 2008
Hosted by FIRST Japan Teams
- 2009** **21st Annual FIRST Conference on Computer Security Incident Handling, Kyoto, JP**
June 28–July 3, 2009
- 2012** **Kyoto 2012 FIRST Technical Colloquium, Kyoto, JP**
November 13–15, 2012
Hosted by FIRST Japan Teams
- 2018** **Osaka 2018 FIRST Technical Colloquium, Osaka, JP**
March 14–16, 2018
Hosted by FIRST Japan Teams

We acknowledge Dr. Suguru Yamaguchi for supporting of foundation and leading FIRST Japan Teams.

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see you at the next conference.



**30th ANNUAL FIRST CONFERENCE
KUALA LUMPUR**

June 24-29, 2018

FIRST TC @ OSAKA

Osaka 2018 FIRST Technical Colloquium

14-16 March 2018



thank you FIRST TC @ Osaka sponsors.

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Internet Initiative Japan



Location Sponsor



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