

6-8 NOVEMBER 2019

CSAW'19

INDIA

भारतीय प्रौद्योगिकी संस्थान कानपुर
Indian Institute of Technology, Kanpur



**CSAW'19 India
Final Agenda**

Indian Institute of Technology, Kanpur

Day 1: November 6, 2019		
TIME	TRACK 1	TRACK 2
13:00 onwards		
<i>Lunch at Outreach lawn</i>		
14:00 - 15:30	Registration	
16:00	Inauguration and Welcome Address	
16:10 - 16:40	Keynote by Mr. Dinesh Gianchandani , Sr. Cyber Security Consultant - Asia-Pacific, Schneider Electric	
16:40 - 17:00	Talk by Mr. R. Sarangapani , General Manager, NTPC	
17:00 - 17:20		
<i>Tea Break</i>		
17:20 - 17:40	Talk by Prof. Vinod Ganapathy , IISc Bangalore	
17:40 - 18:00	Talk by Prof. Souradyuti Paul , IIT Bhilai	
18:00 - 18:20	Talk by Prof. Somitra Sanadhya , IIT Ropar	
20:00 onwards		
<i>Dinner at Outreach lawn</i>		

Day 2 : November 7, 2019

TIME	TRACK 1	TRACK 2
07:30 onwards		Capture the Flag starts at C3i center
Applied Research Challenge		
09:45 - 10:00	“How Secure are Deep Learning Algorithms from Side-Channel based Reverse Engineering?” by Manaar Alam, IIT Kharagpur	
10:00 - 10:15	“First Steps toward CNN based Source Classification of Document Images Shared over Messaging App” by Sharad Joshi, IIT Gandhinagar	
10:15 - 10:30	“An Algorithmic Approach to Formally Verify an ECC Library” by Keerthi K, IIT Madras	
10:30 - 10:45	“Building PUF based Authentication and Key Exchange Protocol for IoT without Explicit CRPs in Verifier Database” By Urbi Chatterjee, IIT Kharagpur	
10:45 - 11:00	“Source Printer Classification using Printer Specific Local Texture Descriptor” by Sharad Joshi, IIT Gandhinagar	
11:00 - 11:30	High tea break and interaction	
Embedded Security Challenge		
11:30 - 11:45	“PENT-RH: Penetration Testing Methodologies for RFID Hacking” By Urbi Chatterjee, IIT Kharagpur	
11:45 - 12:00	“Exploiting the firmware of a vulnerable RFID reader” By Arpit Agrawal, IIT Dharwad	
12:00 - 12:15	“Report on analyzing x86 binary using GHIDRA SRE” By Ashwin Nambair, Amrita University	
12:15 - 12:30	“Cracking Open the Safe: Subverting Authentication in RFID Systems” By Sareena Karapoola, IIT Madras	
12:30 - 12:45	“Reverse Engineering an RFID reader and Exploiting” By Snigdha Dobhal, IIIT Allahabad	
12:45 - 13:00	“Initiatives for exploiting RFID firmware using reverse engineering tools” By Akhil P, CUSAT	

14:00 - 15:00	ESC Live	Participants of ARC and ESC set up their posters at the atrium of Outreach Auditorium
Security Punch by C3i		
15:00 - 15:25	"Design and Development of CPS Testing environment" by Rohit Negi, IIT Kanpur	Poster Presentation for Applied Research and Embedded Security Challenge
15:25 - 15:45	"Web HTTP Desync attack" by Shivbihari Pandey, IIT Kanpur	
15:45 - 16:30	"Vulnerability Assessment and Penetration Testing of CPS" by Parvin Soni, IIT Kanpur	Cyber Security Lab visit by interested judges and competitors
16:30 - 17:15	"Design, development and integration of ICS honeypot with the testing environment" by Sanjay Sharma, IIT Kanpur	
17:15 - 17:45	Tea Break	
17:45 - 18:30	"Near real time intrusion detection on the deployed environment" by Aneet Dutta, IIT Kanpur	
18:30 - 19:15	"Near real time malware analysis on the deployed environment" by Anand Handa, IIT Kanpur	
20:00	Announcement of ARC and ESC winners and Conference dinner at Outreach lawn	

Day 3 : November 8, 2019		
TIME	TRACK 1	TRACK 2
10:00	SCADA CTF starts at C3i Center	
19:30	SCADA CTF ends	Capture the Flag ends at 19:30
19:45	Announcement of CTF and SCADA CTF winners	