

INTERNATIONAL CRYPTO-WEBINAR, 2020

Programme Schedule (Technical Session):

Date and Time	Speaker/Session Chair	Affiliation	Topic
Day 2: 26.08.20 Session 1	Dr. Mrinal Nandi		Session Chair
12 to 12-45 pm.	Prof. Bimal Kumar Roy	ISI, Kolkata	Some Recent issues in Cryptology
12-45 to 1-30 pm.	Prof. Subhomay Maitra	ISI, Kolkata	recent results in stream cipher
Session 2	Dr. Nilanjan Datta		Session Chair
2 pm to 3 pm.	Prof. Mridul Nandi	ISI, Kolkata	Contact Tracing
3 pm. to 4 pm.	Dr. Mrinal Nandi	West Bengal State University	Cryptographic Randomised Response Techniques
Day 2: 27.08.20 Session 3	Dr. Sanghamitra Pal	West Bengal State University	Session Chair
11 to 12 noon	Dr. Avijit Dutta	IIT, Kharagpur	History of Mirror Theory and its Application
12 to 1 pm.	Prof. Avishek Adhikari	Presidency University	Mathematical Aspects of Few Secret Sharing Schemes
Session 4	Prof. Mridul Nandi		Session Chair
2 pm. to 3 pm.	Prof. Somitra Kumar Sanadhya	IIT, Ropar	Format preserving encryption
3 pm. to 4 pm.	Dr. Arpita Maitra	IAI, TCG CREST, Kolkata	Quantum Supremacy and its implication to cryptology
Day 3: 28.08.20 Session 5	Dr. Avijit Dutta		Session Chair
3 pm. to 4 pm.	Dr. kaushik Chakraborty	QuTech Academy, Delft, Netherlands	Cryptography with the space-time constraints
4 pm. to 5 pm.	Dr. Rishiraj Bhattacharya	NISER, Bhubaneswar	post-snowden cryptography
5 pm. to 6 pm.	Dr. Donghoon Chang	National Institute of Standards and Technology, USA	introduction of cube attacks on MAC and AEAD schemes
Day 4: 29.08.20 Session 6	Dr. Avik Chakraborti		Session Chair
11 to 12 noon	Dr. Sourav Sengupta	Nanyang Technological University, Singapore	Bitcoin and Cryptocurrencies
12 to 1 pm.	Dr. Sucheta Chakrabarti	DRDO	Algebraic Structures and its applications in Cryptology
Session 7	Dr. Sumanta Adhya	West Bengal State University	Session Chair
2 pm. to 3 pm.	Dr. Indivar Gupta	DRDO	Public Key Cryptography
3 pm. to 4 pm.	Dr. Avik Chakraborti	ISI, Kolkata	White box Cryptography
Day 2: 30.08.20 Session 8	Dr. Sucheta Chakrabarti		Session Chair
11 to 12 noon	Dr. Dhiman Saha	IIT, Bhilai	The Curious Case of Embedding Yoyo within Boomerang
12 to 1 pm.	Prof. Debdeep Mukhopadhyay	IIT, Kharagpur	Security of Things and their Low Cost Authenticated Interaction in the world of IoT
Session 9	Prof. Avishek Adhikari		Session Chair
2 pm. to 3 pm.	Dr. Sikhar Patranabis	ETH Zurich, Switzerland	Minicrypt Primitives with Algebraic Structures
3 pm. to 4 pm.	Dr. Nilanjan Datta	IAI, TCG CREST, Kolkata	Classification of Authenticated Encryption Modes
Vote of Thanks	Dr. Sibnarayan Guria	West Bengal State University	