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| *The 5th International Workshop on Big Data Analytic for Cyber Crime Investigation and Prevention* Thursday,December 15th, 2021; Location: online (USA Eastern Standard time zone)  Workshop Chairs: ***Andrii Shalaginov, Asif Iqbal, Igor Kotsiuba, Mamoun Alazab***  Kristiania University College, Norway  KTH Royal Institute of Technology in Stockholm, Sweden  Pukhov Institute for Modelling in Energy Engineering, Ukraine  Charles Darwin University, Australia | | | |
| **Time (EST)** | **Time (CET)** | **Title of the talk** | **Presenter/Author** |
| **09:00-09:05** | **15:00-15:05** | **Opening Remarks and Welcome** | Andrii Shalaginov |
| 09:05-09:30 | 15:05-15:30 | *S08201: Template Clustering for the Foundational Analysis of the Dark Web* | Viswajit Vinod Nair, Dion Oosterman, and Mark van Staalduinen |
| 09:30-09:55 | 15:30-15:55 | *S08202: A Convolutional Autoencoder Based Method with SMOTE for Cyber Intrusion Detection* | Xinyi She and Yuji Sekiya |
| 09:55-10:20 | 15:55-16:20 | *S08203: Privacy-Preserving Framework to Facilitate Shared Data Access for Wearable Devices* | Dane Troyer, Justin Henry, Hoda Maleki, Gokila Dorai, Bethany Sumner, Gagan Agrawal, and Jon Ingram |
| 10:20-10:45 | 16:20-16:45 | *S08204: Gun Violence News Information Retrieval using BERT as Sequence Tagging Task* | Hung-Yeh Lin, Teng-Sheng Moh, and Bryce Westlake |
| **10:45-11:00** | **16:45-17.00** | ***Coffee Break*** | |
| 11:00-11:25 | 17:00-17:25 | *S08211: Securing Smart Future: Cyber Threats and Intelligent Means to Respond* | Andrii Shalaginov and Tor-Morten Grønli |
| 11:25-11:50 | 17:25-17:50 | *S08208: Pattern Recognition and Reconstruction: Detecting Malicious Deletions in Textual Communications* | Abiodun Abdullahi SOLANKE, Xihui Chen, and Yunior Ramirez-Cruz |
| 11:50-12:15 | 17:50-18:15 | *S08210: A Semi Supervised Multi-relational Graph Convolutional Network for Uncovering Key Actors on Hackforums* | Nikita Saxena and Vinti Agarwal |
| 12:15-12:40 | 18:15-18:40 | *S08207: AMoC: A Multifaceted Machine Learning-based Toolkit for Analysing Cybercriminal Communities on the Darknet* | Chao Chen, Claudia Peersman, Matthew Edwards, Ziauddin Ursani, and Awais Rashid |
| **12:40-13:00** | **18:40-19:00** | ***Coffee Break*** | |
| 13:00-13:30 | 19:00-19:30 | ***Tales from the Cloud*** | **Keynote speaker:** Ashwin Ram,Check Point Software Technologies, Australia |
| 13:30-13:55 | 19:30-19:55 | *N202: Digital Forensics Process of an Attack Vector in ICS environment* | Todd Mason and Bing Zhou |
| 13:55-14:00 | 19:55-20:00 | **Closing Remarks** | Andrii Shalaginov |