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| Tuesday, June 9 | | |
| Session 0 13:00pm BST – 13:35pm BST (click for time zone conversion) | 13:00pm BST – 13:20pm BST | Test-of-Time Award presentation for: On the definition of role mining (SACMAT 2010) Mario Frank: European Patent Office; Joachim M. Buhmann: ETH Zurich; David Basin: ETH Zurich |
| Session chair: Elena Ferrari | 13:20pm BST – 13:25pm BST | (Lightning talk) Incremental Verification of Physical Access Control Systems Hans van der Laan: University of Twente |
| | 13:25pm BST – 13:30pm BST | (Lightning talk) Assessment of PMAXSAT solvers over benchmarks of UAQ problems Giorgia Gazzarata: University of Genoa |
| | 13:30pm BST – 13:35pm BST | (Lightning talk) Parameterized Intractability of User Authorization Query Problem Gregory Gutin: Royal Holloway, University of London |
| Wednesday, June 10 | | |
| Session 1: Assessment and Detection of Security Threats 12:00pm BST – 13:00pm BST (click for time zone conversion) | 12:00pm BST – 12:05pm BST | Opening Remarks Scott D. Stoller: Stony Brook University; Peng Liu: Penn State University |
| Session chair: Robert DENG Huijie | 12:05pm BST – 12:25pm BST | Metering Graphical Data Leakage with Snowman Qiuyu Xiao: The University of North Carolina at Chapel Hill; Brittany Subialdea: The University of North Carolina at Chapel Hill; Lujo Bauer: Carnegie Mellon University; Michael Reiter: The University of North Carolina at Chapel Hill |
| | 12:25pm BST – 12:45pm BST | Visualizing and Interpreting RNN Models in URL-based Phishing Detection Tao Feng: Yunnan University of Finance and Economics; Chuan Yue: Colorado School of Mines |
| | 12:45pm BST – 13:00pm BST | (Short paper) Parallel Space Traveling: A Security Analysis of App-Level Virtualization in Android Deshun Dai: Huazhong University of Science and Technology; Ruixuan Li: Huazhong University of Science and Technology; Junwei Tang: Huazhong University of Science and Technology; Ali Davanian: University of California, Riverside; Heng Yin: University of California, Riverside |
| Break 13:00pm BST – 13:30pm BST (click for time zone conversion) | | |
| Session 2: Keynote 1 13:30pm BST – 14:30pm BST (click for time zone conversion) | 13:30pm BST – 14:30pm BST | Cryptography for #MeToo Tal Rabin: Algorand Foundation |
| Session chair: Jorge Lobo | | |
| Break 14:30pm BST – 15:00pm BST (click for time zone conversion) | | |
| Session 3: Privacy and Data Sharing 15:00pm BST – 16:20pm BST (click for time zone conversion) | 15:00pm BST – 15:20pm BST | Norm-based Access Control Onuralp Ulusoy: Utrecht University; Pinar Yolum: Utrecht University |
| Session chair: Alessandro Armando | 15:20pm BST – 15:40pm BST | Security and Privacy Analysis of Android Family Locator Apps Khalid Alkhattabi: Colorado School of Mines; Ahmed Alshehri: Colorado School of Mines; Chuan Yue: Colorado School of Mines |
| | 15:40pm BST – 16:00pm BST | Declarative Access Control for Aggregations of Multiple Ownership Data Marco Rosa: SAP Security Research; Francesco Di Cerbo: SAP Security Research; Rocio Cabrera Lozoya: SAP Security Research |
| | 16:00pm BST – 16:20pm BST | (Blue Sky) Accept - Maybe - Decline: Introducing Partial Consent for the Permission-based Access Control Model of Android Nurul Momen: Karlstad University; Sven Bock: Technische Universität Berlin; Lothar Fritsch: Karlstad University |

| Thursday, June 11 | | |
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| Session 4: Analysis of Access Control | 13:00pm BST – 13:20pm BST | Matrix Decomposition: Analysis of an Access Control Approach on Transaction-based DAGs without Finality Florian Jacob: Karlsruhe Institute of Technology; Luca Becker: Karlsruhe Institute of Technology; Jan Grashöfer: Karlsruhe Institute of Technology; Hannes Hartenstein: Karlsruhe Institute of Technology |
| 13:00pm BST – 14:00pm BST (click for time zone conversion) | | |
| Session chair: Omar Chowdhury | 13:20pm BST – 13:40pm BST | Constraint Branching in Workflow Satisfiability Problem Gregory Gutin: University of London; Daniel Karapetyan: University of Nottingham |
| | 13:40pm BST – 14:00pm BST | Automated Strong Mutation Testing of XACML Policies Dianxiang Xu: University of Missouri Kansas City; Roshan Shrestha: Boise State University; Ning Shen: Boise State University |
| Break | | |
| 14:00pm BST – 14:30pm BST (click for time zone conversion) | | |
| Session 5: Keynote 2 | 14:30pm BST – 15:30pm BST | Analysis of Access Control Enforcement in Android William Enck: North Carolina State University |
| 14:30pm BST – 15:30pm BST (click for time zone conversion) | | |
| Session chair: Amir Rahmati | | |
| Break | | |
| 15:30pm BST – 16:00pm BST (click for time zone conversion) | | |
| Session 6: RBAC and ABAC | 16:00pm BST – 16:20pm BST | Informed Privilege-Complexity Trade-Offs in RBAC Configuration Jon Currey: HashiCorp Inc.; Robbie McKinstry: HashiCorp Inc.; Armon Dadgar: HashiCorp Inc.; Mark Gritter: HashiCorp Inc. |
| 16:00pm BST – 17:10pm BST (click for time zone conversion) | | |
| Session chair: Amir Masoumzadeh | 16:20pm BST – 16:40pm BST | Proactive Risk Assessment for Preventing Attribute-Forgery Attacks to ABAC Policies Carlos Rubio Medrano: Arizona State University; Luis Claramunt: Arizona State University; Shaishavkumar Jogani: Arizona State University; Gail-Joon Ahn: Arizona State University |
| | 16:40pm BST – 16:55pm BST | (short paper) Benchmarking UAQ Solvers Alessandro Armando: University of Genova; Giorgia Gazzarata: University of Genova; Faith Turkmen: University of Groningen |
| | 16:55pm BST – 17:10pm BST | (Demo) AQUA: An Efficient Solver for the User Authorization Query Problem Alessandro Armando: DIBRIS, Università di Genova; Giorgia A. Gazzarata: DIBRIS, Università di Genova; Fatih Turkmen: University of Groningen |
| Friday, June 12 | | |
| Session 7: Policy Learning and Migration | 13:00pm BST – 13:20pm BST | Active Learning of Relationship-Based Access Control Policies Padmavathi Iyer: University at Albany - SUNY; Amirreza Masoumzadeh: University at Albany - SUNY |
| 13:00pm BST – 14:00pm BST (click for time zone conversion) | | |
| Session chair: Weili Han | 13:20pm BST – 13:40pm BST | A Decision Tree Learning Approach for Mining Relationship-Based Access Control Policies Thang Bui: Stony Brook University; Scott D. Stoller: Stony Brook University |
| | 13:40pm BST – 14:00pm BST | (Blue Sky) On Security Policy Migrations Jorge Lobo: ICREA and Universitat Pompeu Fabra; Elisa Bertino: Purdue University; Alessandra Russo: Imperial College London |
| Break | | |
| 14:00pm BST – 14:30pm BST (click for time zone conversion) | | |

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| Session 8: Keynote 3 | 14:30pm BST – 15:30pm BST | Multi-party Access Control - 10 years of successes and lessons learned |
| 14:30pm BST – 15:30pm BST (click for time zone conversion) | | Anna Squicciarini: Pennsylvania State University |
| Session chair: Peng Liu | | |
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| Break | | |
| 15:30pm BST – 16:00pm BST (click for time zone conversion) | | |
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| Session 9: Access Control for IoT | 16:00pm BST – 16:20pm BST | A Data Access Model for Privacy-Preserving Cloud-IoT Architectures |
| 16:00pm BST – 17:20pm BST (click for time zone conversion) | | Maribel Fernandez: King's College London; Alex Franch Tapia: Privasee; Jenjira Jaimunk: King's College London; Manuel Martinez Chamorro: Privasee; Bhavani Thuraisingham: The University of Texas at Dallas |
| Session chair: Maanak Gupta | 16:20pm BST – 16:40pm BST | (Blue Sky) ABAC-CC: Attribute-Based Access Control and Communication Control for Internet of Things |
| | | Smriti Bhatt: Texas A&M University-San Antonio; Ravi Sandhu: University of Texas at San Antonio |
| | 16:40pm BST – 16:55pm BST | (short paper) Deploying Access Control Enforcement for IoT in the Cloud-Edge Continuum with the help of the CAP Theorem |
| | | Tahir Ahmad: Fondazione Bruno Kessler; Silvio Ranise: Fondazione Bruno Kessler; Umberto Morelli: Fondazione Bruno Kessler |
| | 16:55pm BST – 17:10pm BST | (demo) Mammoth: Monitoring the ABAC Monitor of MQTT-based Internet of Things Ecosystems |
| | | Pietro Colombo: DiSTA, University of Insubria; Elena Ferrari: DiSTA, University of Insubria; Samuele Salvia: DiSTA, University of Insubria |
| | 17:10pm BST – 17:20pm BST | Poster: IoT SENTINEL - An ABAC Approach Against Cyber-Warfare in Organizations |
| | | Paras Bhatt: University of Texas at San Antonio; Smriti Bhatt: Texas A&M University-San Antonio; Myung Ko: University of Texas at San Antonio |