

Best Paper Award Winners

| PAPER ID | TITLE | AUTHORS WITH AFFILIATION AND COUNTRY |
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| 1570702224 | A Hybrid Blockchain Consensus Algorithm Using Locational Marginal Pricing for Energy Applications | Soham Ghosh (University of Kansas & Black & Veatch, USA); Raj S Dutta (Illinois Institute of Technology, USA) |
| 1570704966 | A Light-Based Interpretation of Schrodinger's Wave Equation and Heisenberg's Uncertainty Principle with Implications on Quantum Computation | Pravir Malik (Deep Order Technologies, USA) |
| 1570705042 | How Stability of Hybrid Coupler Characteristic Affects Front-End Isolation of In-Band Full Duplex System | Soheyl Soodmand, Kevin A Morris and Mark Beach (University of Bristol, United Kingdom (Great Britain)) |
| 1570705224 | Spectrum Segmentation Techniques for Edge-RAN Decoding in Telemetry-Based IoT Networks | Michael Schadhauer (Friedrich-Alexander University Erlangen-Nuremberg, Germany); Joerg Robert (Friedrich-Alexander Universität Erlangen-Nürnberg, Germany); Albert Heuberger (Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany); Bernd Edler (International Audio Laboratories Erlangen, Germany) |
| 1570705475 | Explainable Predictions of Industrial Emissions | Sudarshan S Chawathe (University of Maine, USA) |
| 1570706720 | Applications of Cryptography in Database: A Review | Huanhao Xu (New York University, USA); Kutub Thakur (New Jersey City University, USA); Abu Kamruzzaman (Pace University, USA); Md L Ali (Rider University, USA) |

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| 1570709366 | Music Genre Classification: A Review of Deep-Learning and Traditional Machine-Learning Approaches | Ndiatenda Ndou (University of the Witwatersrand, South Africa); Ritesh Ajoodha (The University of the Witwatersrand, Johannesburg, South Africa); Ashwini M Jadhav (University of the Witwatersrand, South Africa) |
| 1570708969 | Biomechatronic Embedded System Design of Sensorized Glove with Soft Robotic Hand Exoskeleton Used for Rover Rescue Missions on Mars | Paul Palacios and José Cornejo (Bioastronautics and Space Mechatronics Research Group, Peru); Milton V. Rivera (Bioastronautics and Space Mechatronics Research Group, Peru); José Luis Napán and Walter Castillo (Bioastronautics and Space Mechatronics Research Group, Peru); Victor Tiellacuri (Bioastronautics and Space Mechatronics Research Group, Peru); Andrés D. Reina (Bioastronautics and Space Mechatronics Research Group, Colombia); Adolfo Chaves-Jiménez (Instituto Tecnológico de Costa Rica, Costa Rica); Gustavo Jamanca-Lino (Colorado School of Mines, USA); Juan C Chavez (HUB Designers & Talent360, USA) |
| 1570709003 | Understanding the Information Disseminated Using Twitter During the COVID-19 Pandemic | Jorge Torres, Vaibhav Anu and Aparna Varde (Montclair State University, USA) |
| 1570709336 | Mechatronics Application for a Smart Inhaler | Patricia Enrique, Dorothy Yang, Matthew Rose, Steven Ding and James Tung (University of Waterloo, Canada) |
| 1570709353 | A Hypothesis Testing Tool for the Comparison of Different Cyber-Security Mitigation Strategies in IoT | Asterios Mpatziakas and Stavros Papadopoulos (Centre for Research and Technology Hellas, Greece); Anastasios Drosou (Centre for Research & Technology Hellas - Information Technologies Institute, Greece); Dimitrios Tzouvaras (Rochester, Greece) |

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| 1570709497 | Improving Connectivity at Ships and Planes Through Land-Based BTS and Point-To-Point Antennas | Shahriar Khan (Independent University, Bangladesh) |
| 1570710291 | Review of Challenges in Fog and Edge-Based Computing | Dheeraj Basavaraj (California State University, USA); Shahab Tayeb (California State University, Fresno, USA) |
| 1570710826 | Approaches in Determining Software Development Methods for Organizations: A Systematic Literature Review | Fahmi Alaydrus (University of Indonesia, Indonesia) |
| 1570711076 | E-Commerce Case Collection | William P. Haggerty (Georgia Southern University, USA) |
| 1570711220 | Mitigating Remote Code Execution Vulnerabilities: A Study on Tomcat and Android Security Updates | Stephen Bier, Brian Fajardo, Obinna Ezeadum, German Guzman, Kazi Zakia Sultana and Vaibhav Anu (Montclair State University, USA) |
| 1570711276 | Privacy-Preserving Zero-Effort Class Attendance Tracking System | Hosam Alamleh (University of North Carolina Wilmington & Louisiana Tech University, USA); Jake Aldridge and Aidan Shene (University of North Carolina Wilmington, USA) |

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| 1570711512 | Energy-Efficient Vertical Handover in Heterogeneous Networks | Judhistir Mahapatro and Pratyashi Satapathy (National Institute of Technology Rourkela, India) |