### October 13

**11:00 – 14:00**

Test day. Connection to the conference, Frequently Asked Questions, presentations test.  
Chair: Dr. Yurii Zachinyaev

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### October 14

**8:45**

Connection to the conference

**9:00**

**Greeting speech by Dr. Gennady Veselov, Honorary Chair, Head of Institute of Computer Technologies and Information Security**

**9:15-9:55**

Keynote speech. **Dr. Pradeep Kumar Singh. IoVT: Internet of Vulnerable Things. Threat Architecture, Attack Surfaces, and Vulnerabilities in Internet of Things and Its Applications towards Smart Cities**

**10:00-11:00**

Session chair: **Dr. Anton Pljonkin**

**11:00-12:00**

[23] Sergei Shalagin. Representation of the quantum Fourier transform based on a discrete model of a quantum-mechanical system.  
Session chair: **Dr. Anton Pljonkin**

**12:00-13:00**

[147] Anton Pljonkin, Pradeep Kumar Singh, Sandeep Joshi and Lilia Sabantina. The study of synchronization in quantum key distribution system.  
Session chair: **Dr. Ilona Kursitsys**

**13:00-13:30**

Rest and Discussion club  
Chair: **Dr. Ilona Kursitsys**

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<table>
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<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>13:30-14:05</td>
<td><strong>Keynote speech. Dr. Prof. Valery Vyatkin. On cyber-physical engineering of industrial automation systems</strong></td>
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<tr>
<td>17:00-18:00</td>
<td>Organizing committee remark. <strong>Discussion club. End of Day 1</strong> Chair: Dr. Yuri Zachinyaev</td>
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## Conference Program

**October 15**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00-9:35</td>
<td>Keynote speech. Dr. Maheshkumar H. Kolekar. Machine Learning and Deep Learning Techniques for Abnormal Human Activity Recognition</td>
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[224] Ivan Perchin, Anatol Malkov and Irina Pomelyayko. Design of a Distributed Debit Management Network of Operating Wells of Deposits of the CMW Region.  
[218] Valentina Kuznetsova. The Fuzzy Approach for Clustering Borrowers of Microfinance Organizations. | Session chair: Dr. Evgeniya Gerasimenko |
| 11:00-12:00| [240] Vlada Zhernova and Alexey Minbaleev. The formation of legal measures to counter information security incidents in the use and application of cyber-physical systems.  
[102] Ch. Leela Kumari, Dr. Vikram Kumar Kamboj and Dr. Sarbjeet Kaur Bath. Problem Formulation for Multi-Area Economic Load Dispatch Problem considering Real power and Tie-Line Constraints.  
[270] Shamal Magomedov. Software for analyzing security for healthcare organizations. | Session chair: Dr. Evgeniya Gerasimenko |
| 12:00-13:00| [110] Loveleen Gaur, Gurinder Singh and Vernika Agarwal. Leveraging Artificial Intelligence tools to combat the COVID-19 Crisis.  
[115] Loveleen Gaur, Govind Agarwal and Ankur Bist. COVID-19 REAL-TIME IMPACT ANALYSIS INDIA vs. the USA.  
[119] Ravi Prakash Varshney and Dilip Kumar Sharma. Cold Start in Function as a Service: A systematic study, analysis and evaluation. | Session chair: Dr. Evgeniya Gerasimenko |
| 13:00-13:30| Rest and Discussion club                                             | Chair: Dr. Evgeniya Gerasimenko                                          |
| 13:30-14:05| Keynote speech. Dr. Vivek Kumar Sehgal. Neuromorphic Stochastic Modeling of COVID-19 Pandemic |                                                                      |
Session chair: Dr. Alexey Tselykh

Session chair: Dr. Alexey Tselykh

[273] Viktoriya Taran. Analysis of the Activity of Complex Natural Processes with Catastrophic Consequences Using the Bayesian Belief Network.
Session chair: Dr. Elena Basan

17:00-18:00 Organizing committee remark. Discussion club. End of Day 2
Chair: Dr. Elena Basan
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<td>9:00-9:35</td>
<td>Keynote speech. Prof. Dr. Sergey Kulik. Quantum cryptography through atmospheric and space communication channels</td>
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          | [204] Liilya A. Demidova, Nailya S. Asfandiyarova, Natalya V. Doroshina, Olga V. Dashkevich and Ekaterina I. Suchkova. An approach to the medical-type data multiobjective analysis.  
          | Session chair: Dr. Anton Pljonkin                                                        |
| 11:00-12:00 | [168] Antonio Hernández Dominguez and Walter Baluja Garcia. Updated analysis of detection methods for phishing attacks.  
              | [144] Edwin Geovanny Flores Castro and Sang Guun Yoo. A Smart Waste Management System based on LoRaWAN.  
              | Session chair: Dr. Yuriii Zachinyaev                                                        |
| 12:00-13:00 | [73] Leandro Tabares Martín, Nemury Silega Martínez and Marc Gyssens. Query Reverse Engineering in the context of the Semantic Web: a state-of-the-art.  
                | Session chair: Dr. Yuriii Zachinyaev                                                        |
| 13:00 – 13:30 | Organizing committee remark. Discussion club. End of conference                       |
| Chair:  | Dr.Yuriii Zachinyaev                                                                        |