<table>
<thead>
<tr>
<th>Time</th>
<th>8:30-9:00</th>
<th>9:00-10:30</th>
<th>10:30-11:00</th>
<th>11:00-12:30</th>
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<tbody>
<tr>
<td></td>
<td>Registration</td>
<td>TheRMIT SESSION 1: Availability and Reliability of Software and Clouds</td>
<td>Coffee</td>
<td>TheRMIT SESSION 2: Markov’s Models of Safety Critical Systems</td>
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<td>Chairs: Vyacheslav Kharchenko, Bogdan Volochiy</td>
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<td>Chairs: Vladimir Sklyar, Vitalyi Yakovyna</td>
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<td>Welcomes. Challenges of IT Reliability, Safety and Security (10 mins)</td>
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<td>Discussion (15 mins)</td>
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<td></td>
<td>• Availability assessment and assurance for Cloud-based systems: how evolvability, complexity and uncertainty can be taken into account?</td>
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<td>• Markovian chain-based techniques and tools (T&amp;T) for assessing of high availability IT-systems: how to guarantee accuracy, stability of results how and to select T&amp;T for high available industry systems assessment?</td>
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- Which approaches and techniques can be applied to develop models and assess reliability and survivability of integrated monitoring post emergency systems?

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:30</td>
<td>Lunch</td>
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<tr>
<td>14:00</td>
<td>The RMIT SESSION 3: Computer Systems Reliability and Uncertainty</td>
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<td>Chairs: Elena Zaitseva, Igor Atamanyuk</td>
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<td>Paper 1: <em>Calculation Methods of the Prognostication of the Computer Systems State under Different Level of Information Uncertainty</em>, Igor Atamanyuk, Yuryi Kondratenko and Vyacheslav Shebanin (25 mins)</td>
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<td>Paper 2: <em>Application of Structure Function in System Reliability Analysis based on Uncertain Data</em>, Vitaly Levashenko, Elena Zaitseva and Miroslav Kvassay (25 mins)</td>
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<td>Discussion (15 mins)</td>
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<td>- How to take into account uncertainty of input data to assure acceptable accuracy of reliability assessment?</td>
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<td>- Multi-state systems: how to tolerate complexity of industry applications to use MSS reliability models?</td>
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<td>15:30</td>
<td>Coffee</td>
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<td>16:00</td>
<td>The RMIT SESSION 4: Models of Quality, Trustworthiness and Security</td>
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<td>Chairs: Oksana Pomorova, Vitaly Levashenko</td>
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<td>Paper 2: <em>Use of Natural LUT Redundancy to Improve Trustworthiness of FPGA Design</em>, Alex Drozd, Miroslav Drozd and Mykola Kuznietsov (25 mins)</td>
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<td>Discussion (15 mins)</td>
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<td>- Software quality models: does gap between standard requirements and SW specifications exist?</td>
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<td>- Balancing of reliability, power consumption and security for software and ITS: how to make scalable and optimal solutions?</td>
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<td>Closing remarks (10 mins)</td>
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