3rd European STAMP Workshop, Amsterdam, 4th – 6th October 2015 (Provisional Program)

Location (Tutorials and Workshop): Hotel Casa400, Eerste Ringdijkstraat 4, 1097 BC, Amsterdam

Registration: Mrs. Gieta Inderdjiet ([g.m.inderdjiet@hva.nl](mailto:g.m.inderdjiet@hva.nl))
Information about the program: Dr. Nektarios Karanikas ([n.karanikas@hva.nl](mailto:n.karanikas@hva.nl))
Information about logistics: Mrs. Viktoria Balla-Kamper ([v.balla-kamper@hva.nl](mailto:v.balla-kamper@hva.nl))

### Sunday, 4th October 2015 (Tutorials)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>12:45 – 13:00</td>
<td>Registration and coffee</td>
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</tr>
<tr>
<td>13:00 – 14:30</td>
<td>STAMP introduction and examples</td>
<td>Simon Whiteley, Dependable Management</td>
</tr>
<tr>
<td>14:30 – 14:45</td>
<td>Coffee break</td>
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<tr>
<td>14:45 – 16:15</td>
<td>New Hazard Analysis Technique: STPA introduction and examples</td>
<td>John Thomas, Massachusetts Institute of Technology</td>
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<tr>
<td>16:15 – 16:30</td>
<td>Coffee break</td>
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<tr>
<td>16:30 – 18:00</td>
<td>Demo of the XSTAMPP software tool including CAST and Extended Approach to STPA</td>
<td>Asim Abdulkhaleq, University of Stuttgart Renne Hosse, Technische Universität Braunschweig</td>
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### Monday, 5th October 2015 (Workshop Day 1)

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Instructor(s)</th>
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<tbody>
<tr>
<td>8:00 – 8:30</td>
<td>Registration and coffee – Posters preparation</td>
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</tr>
<tr>
<td>08:00 – 08:35</td>
<td>Welcome</td>
<td>Robert Jan de Boer, Chair of Organizing Committee</td>
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<tr>
<td>08:35 – 08:40</td>
<td>Introduction</td>
<td>Nektarios Karanikas, Chair of Program Committee</td>
</tr>
<tr>
<td>08:40 – 09:25</td>
<td>Keynote Lecture</td>
<td>Nancy Leveson, Massachusetts Institute of Technology</td>
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<tr>
<td>09:30 – 10:15</td>
<td>Keynote Lecture</td>
<td>Sidney Dekker, Griffith University: STAMP and the Future of Safety</td>
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<tr>
<td>10:15 – 10:35</td>
<td>Coffee break – Posters Session</td>
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<tr>
<td>10:35 – 12:00</td>
<td>Session 1</td>
<td>John Thomas</td>
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<tr>
<td></td>
<td>STPA-based Method to Identify and Control Feature Interactions in Large Complex Systems</td>
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<tr>
<td>Time</td>
<td>Session</td>
<td>Chair:</td>
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<tr>
<td>11:05 – 11:30</td>
<td>Session 1</td>
<td>Nektarios Karanikas</td>
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<td>11:35 – 12:00</td>
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<tr>
<td>12:00 – 13:00</td>
<td>Lunch break</td>
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<tr>
<td>13:00 – 14:25</td>
<td>Session 2</td>
<td>Lawrence Hettinger</td>
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<tr>
<td>14:25 – 14:45</td>
<td>Coffee break – Posters Session</td>
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<tr>
<td>14:45 – 16:10</td>
<td>Session 3</td>
<td>Ioannis Dokas</td>
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<td></td>
<td></td>
<td>Cultural and organizational transformation using STAMP Panel: Simon Whiteley, Lawrence Hettinger,</td>
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<tr>
<td>16:10 – 16:30</td>
<td>Coffee break – Posters Session</td>
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<tr>
<td>16:30 – 17:00</td>
<td>Session 4</td>
<td>Robert Jan de Boer</td>
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<tr>
<td>17:25 – 17:30</td>
<td>Day closing - Logistics</td>
<td>Robert Jan de Boer, Chair of Organizing Committee</td>
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<td>18:30</td>
<td>Dinner at: TBD</td>
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**3rd European STAMP Workshop, Amsterdam, 4th – 6th October 2015 (Provisional Program)**

**Tuesday, 6th October 2015 (Workshop Day 2)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair</th>
<th>Speaker(s)</th>
<th>Details</th>
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<tbody>
<tr>
<td>8:15 – 8:30</td>
<td>Registration</td>
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<tr>
<td>8:30 – 9:55</td>
<td>Session 5</td>
<td>John Thomas</td>
<td>David Passenier, Alexei Sharpanskykh &amp; Robert Jan de Boer</td>
<td>When to STAMP? A Case Study in Aircraft Ground Handling Services</td>
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<td>08:30 – 08:55</td>
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<td>09:30 – 09:55</td>
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<td>Daniel Montes</td>
<td>Using STPA to Inform Developmental Product Testing</td>
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<tr>
<td>9:55 – 10:15</td>
<td>Coffee break</td>
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<tr>
<td>10:15 – 11:40</td>
<td>Session 6</td>
<td>Ioannis Dokas</td>
<td>Kirsten van Schaardenburgh-Verhoeve &amp; Rob Hoitsma</td>
<td>STAMP Incident Investigation: Control Structures as a Tool to Intervene</td>
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<td>10:15 – 10:40</td>
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<td>10:45 – 11:10</td>
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<td>Jan Magott, Michal Lower &amp; Jacek Skorupski</td>
<td>Risk analysis of serious air traffic incident based on STAMP-HFACS and fuzzy sets</td>
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<td>11:15 – 11:40</td>
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<td>Svana Helen Bjornsdottir</td>
<td>Comparison of Risk Analysis Methodologies in an Electrical Grid</td>
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<tr>
<td>11:45 – 12:30</td>
<td>Plenary discussion</td>
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<td>11:45 – 12:30</td>
<td>Overcoming the entrenchment in linear and probabilistic models</td>
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<td>12:30 – 13:30</td>
<td>Lunch break</td>
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<tr>
<td>13:30 – 14:55</td>
<td>Session 7</td>
<td>Nektarios Karanikas</td>
<td>Mitchell Pappot &amp; Robert Jan de Boer</td>
<td>The Integration of RPAS in Today’s Society</td>
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<td>13:30 – 13:55</td>
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<td>14:00 – 14:25</td>
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<td>Sven Stefan Krauss, Martin Rejzek &amp; Christian Hilbes</td>
<td>Tool Qualification Considerations for Tools Supporting STPA</td>
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<td>14:30 – 14:55</td>
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<td>Sara Mahvi &amp; Michaela Huhn</td>
<td>Safety Improvement of PCA Pump by Using Hazard Analysis Techniques</td>
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<td>14:55 – 15:15</td>
<td>Coffee break</td>
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<td>15:15 – 16:40</td>
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<td></td>
<td>Nektarios Karanikas &amp; Jeroen Holman</td>
<td>An SMS Performance Assessment Framework Based on STAMP Model</td>
</tr>
<tr>
<td>Time</td>
<td>Session 8</td>
<td>Chair: Robert Jan de Boer</td>
<td>Towards E-STAMP Based Safety Management of Eco-socio-technical Maritime Transportation System</td>
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<td>15:45 – 16:10</td>
<td>Robert Aps, Mihhail Fetissov, Floris Goerlandt, Pentti Kujala &amp; Osiris Valdez Banda</td>
<td>Robert Jan de Boer</td>
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<tr>
<td>16:45 – 17:15</td>
<td>Guidance for future research and case studies</td>
<td>Ioannis Dokas, John Thomas</td>
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<tr>
<td>17:15 – 17:30</td>
<td>Closing – STAMP 2016 announcement</td>
<td>Robert Jan de Boer, Chair of Organizing Committee</td>
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