

# „From Algorithmic Computing to Autonomic Computing“

## [SS'17]: Workplan

V1.0 / 24.01.2017

Activity	Deadline	Remarks
<p><b>Mandatory Reading:</b>  <u>The fundamental knowledge:</u>            [1] Philippe Lalanda, Julie A. McCann, Ada Diaconescu:  <b>Autonomic Computing – Principles, Design and Implementation.</b> Springer-Verlag, London UK, 2014. ISBN 978-1-4471-5006-0.</p> <p><u>The seminal work:</u>            [2] IBM Research Paper, 2001: Autonomic Computing – IBM’s Perspective on the State of Information Technology.            Downloadable from:  <a href="http://people.scs.carleton.ca/~soma/biosec/readings/autonomic_computing.pdf">http://people.scs.carleton.ca/~soma/biosec/readings/autonomic_computing.pdf</a> [last accessed: 2.2.2017]</p> <p><u>Introduction to the Architecture:</u>            [3] IBM White Paper: An architectural blueprint for autonomic computing. 3rd edition, June 2005. Downloadable from:  <a href="http://www-03.ibm.com/autonomic/pdfs/AC%20Blueprint%20White%20Paper%20V7.pdf">http://www-03.ibm.com/autonomic/pdfs/AC%20Blueprint%20White%20Paper%20V7.pdf</a> [last accessed: 2.2.2017]</p> <p><u>Cyber-Physical Systems:</u>            [4] NIST Engineering Laboratory: <b>Cyber-Physical Systems.</b>            Downloadable from: <a href="https://www.nist.gov/el/cyber-physical-systems">https://www.nist.gov/el/cyber-physical-systems</a> [last accessed: 23.12.2017]</p>	<p>Before Kick-Off Meeting</p>	<p>Mandatory Reading for <u>all</u> choices of topics</p>

<b>Hauptseminar Kick-Off Meeting</b>	<b>Wednesday, April 19, 2017: 11:10 – 12:40 (3. DS)</b> <b>Room APB/INF 2101</b>	Introductory Lecture by Prof. Frank J. Furrer
Select 2 <b>peer reviewers</b> from the participants <u>Note:</u> <b>All</b> papers will also be reviewed by Dr. F.J. Furrer (as 3 <sup>rd</sup> peer reviewer)	Monday, April 24, 2017	e-mail your choice to: <ul style="list-style-type: none"> <li>• All participants</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
Deliver your <b>choice of working field</b> (i.e. <b>F1, F2</b> or <b>F3</b> ) and a short <b>vision/mission statement</b> to the 2 peer reviewers and to F.J. Furrer <u>Note:</u> Content and structure of the “vision/mission statement” will be explained in the Kick-Off Meeting	Friday, April 28, 2017	e-mail your choice to: <ul style="list-style-type: none"> <li>• All participants</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
Feedback from Reviewers	Friday, May 5, 2017	By e-mail from: <ul style="list-style-type: none"> <li>• The peer reviewers</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
Deliver 1 <sup>st</sup> draft of both your storyline and your paper to your peer reviewers <u>Note:</u> Content and structure of the “storyline” and “paper” will be explained in the Kick-Off Meeting	Friday, May 19, 2017	e-mail your storyline and paper: <ul style="list-style-type: none"> <li>• Peer reviewers</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
Feedback from Reviewers	Friday, May 26, 2017	By e-mail from: <ul style="list-style-type: none"> <li>• The peer reviewers</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
<b>1<sup>st</sup> Seminar Day</b>	<b>Wednesday, June 7, 2017: 09:20 – 10:50/11:10 - 12:40 (2. + 3. DS)</b> <b>Room APB/INF 2101</b>	<ul style="list-style-type: none"> <li>• Participants presentations</li> <li>• Peer discussions, Feedback on style &amp; content</li> </ul>
Deliver 2 <sup>nd</sup> , improved draft of your paper to your peer reviewers	Friday, June 23, 2017	e-mail your paper: <ul style="list-style-type: none"> <li>• Peer reviewers</li> <li>• <a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>

**2 documents**

Feedback from Reviewers	Monday, July 3, 2017	By e-mail from: <ul style="list-style-type: none"> <li>The peer reviewers</li> <li><a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
<b>2<sup>nd</sup> Seminar Day</b>	<b>Wednesday, July 12, 2017: 09:20 – 10:50/11:10 – 12:40 (2. + 3. DS)</b> <b>Room APB/INF 2101</b>	<ul style="list-style-type: none"> <li>2<sup>nd</sup> participants presentation</li> <li>Peer discussions, Feedback on style and content</li> </ul>
Deliver final version of your paper	Latest: Monday, August 7, 2017	e-mail your paper to: <ul style="list-style-type: none"> <li>All participants</li> <li><a href="mailto:frank.j.furrer@bluewin.ch">frank.j.furrer@bluewin.ch</a></li> </ul>
pdf-volume of collected papers ready	September 2017 [may be delayed because of TUD procedures]	Downloadable from the seminar website