

	<i>Shared Memory Programming with OpenMP – Day I</i>	<i>Shared Memory Programming with OpenMP– Day II</i>	<i>Message Passing with MPI – Day I</i>	<i>Message Passing with MPI – Day II</i>	<i>GPGPU Programming with OpenACC</i>
	<i>Mo, March 20</i>	<i>Tu, March 21</i>	<i>We, March 22</i>	<i>Th, March 23</i>	<i>Fr, March 24</i>
<b>9:00 - 10:30</b>		<b>Intel Inspector and Intel VTune Amplifier</b> <i>45 min, T. Cramer, RWTH</i>  Lab: OpenMP Part IV	<b>MPI: Part I</b> <i>H. Iliev, RWTH</i>	<b>MPI: Part III</b> <i>H. Iliev, RWTH</i>	<b>GPU Introduction, OpenACC I</b> <i>Presentation + Lab</i> <i>S. Wienke, RWTH</i>
<b>10:30 - 11:00</b>	<b>Welcome and Introduction</b> <i>15 min,</i> <b>Introduction to Parallel Programming with OpenMP: Part I</b> <i>C. Terboven, RWTH</i> Lab: OpenMP Part I	coffee break	coffee break	coffee break	coffee break
<b>11:00 - 12:30</b>		<b>Performance Analysis with LIKWID</b> <i>45 min, T. Röhl, Uni Erlangen</i> Lab: OpenMP Part V	Lab: MPI Part I	Lab: MPI Part III	<b>OpenACC II</b> <i>Presentation + Lab</i> <i>S. Wienke, RWTH</i>
<b>12:30 - 14:00</b>	lunch break	lunch break	lunch break	lunch break	lunch break
<b>14:00 - 15:30</b>	<b>Introduction to Parallel Programming with OpenMP: Part II</b> <i>C. Terboven, RWTH</i>  Lab: OpenMP Part II	<b>OpenMP 4: One (single) kernel for CPU, GPU and Xeon Phi</b> <i>45 min, Bernd Dammann, DTU Computing Center, Technical University of Denmark</i>  Lab: OpenMP Part VI	<b>MPI: Part II</b> <i>H. Iliev, RWTH</i>	<b>Performance Tools</b> <i>40 min, H. Iliev, RWTH</i> <b>Allinea Performance Reports</b> <i>15 min, A. Dammer, RWTH</i> <b>Correctness-Checking Tools</b> <i>40 min, J. Protze, RWTH</i>	<b>OpenACC III</b> <i>Presentation + Lab</i> <i>S. Wienke, RWTH</i>  <b>Comparison of OpenACC &amp; OpenMP Device Constructs</b> <i>20 min, C. Terboven, RWTH</i>
<b>15:30 - 16:00</b>	coffee break	coffee break	coffee break	coffee break	The End
<b>16:00 - 17:30</b>	<b>Advanced OpenMP Programming</b> <i>C. Terboven, RWTH</i>  Lab: OpenMP Part III	<b>Getting OpenMP up to Speed</b> <i>60 min, R. v. d. Pas, Oracle</i>  <b>OpenMP wrap-up and Questions</b> <i>30 min,</i>	<b>Debugging with TotalView</b> <i>45 min, T. Cramer, RWTH</i>  Lab: MPI Part II	Lab or Hands-On Session "Bring Your Own Code"	
<b>19:00 –</b>		<b>Social event in ,Zum Wehrhaften Schmied'</b> <i>Jakobstraße 26, Aachen (at one's own expense)</i>			