	IAF0530/IAF9530 Dependability and fault tolerance
	Lecture 5 Testing Real-Time Systems
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	Important
	Student presentations.
	 Presentation dates: 17/04, 24/04, 15/05, 22/05, 24/05, 01/06. Always at 12:00, IT-209. Register at the course homepage. MSc students: 20 min
	– PhD students: 30 min
	 Mandatory to participate at least on three occasions (on top of your own presentation) and ask questions!
	Deadline of the final report:
s	 - 01/06 for those who are making presentation 17/04-22/05
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Testing Timeliness	
 Aim : Verification of specified deadlines for individual tasks Test if assumptions about system hold E.g. worst-case execution time estimates, overheads, context switch times, hardware acceleration efficency. J/O latency, blocking times, dependency- assumptions 	
 Test system temporal behavior under stress E.g. Unexpected job requests, overload management, component failure, admission control scheme 	
 Identification of potential worst-case execution orders 	
 Controllability needed to test worst-case situations efficiently 	10







































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	Questions?
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