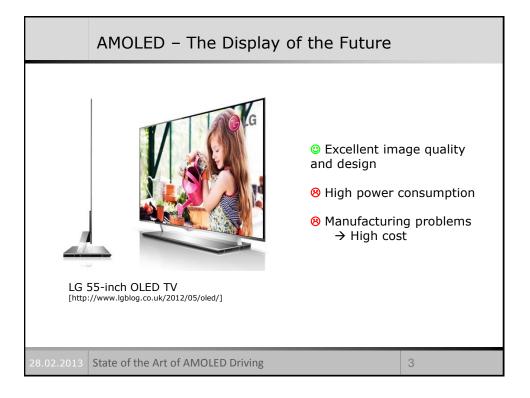
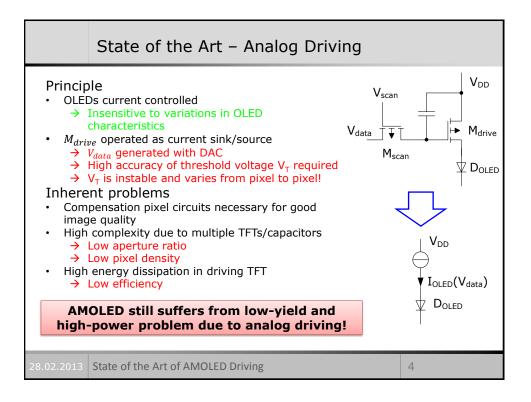
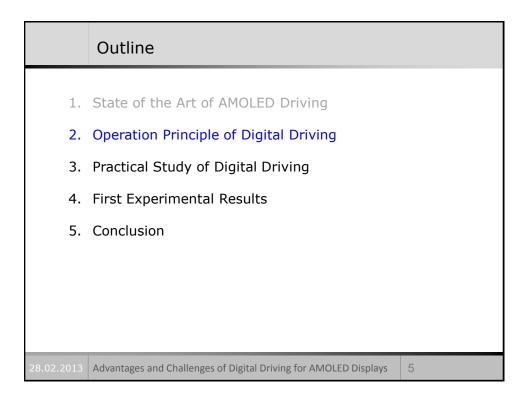
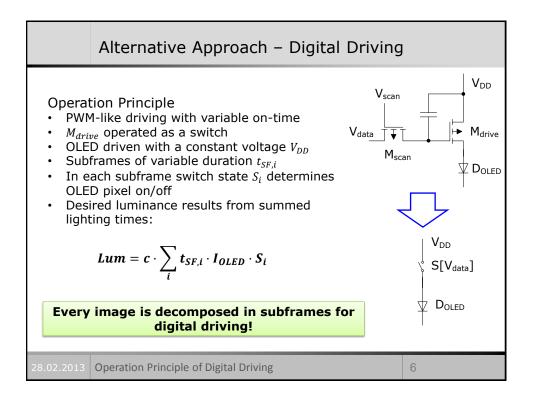


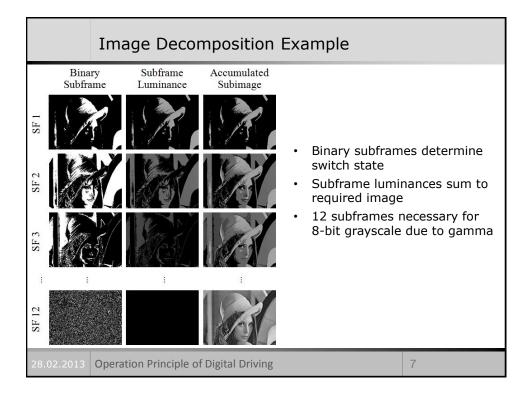
	Outline	
1.	State of the Art of AMOLED Driving	
2.	Operation Principle of Digital Driving	
3.	Practical Study of Digital Driving	
4.	First Experimental Results	
5.	Conclusion	
28.02.2013	Advantages and Challenges of Digital Driving for AMOLED Displays	2

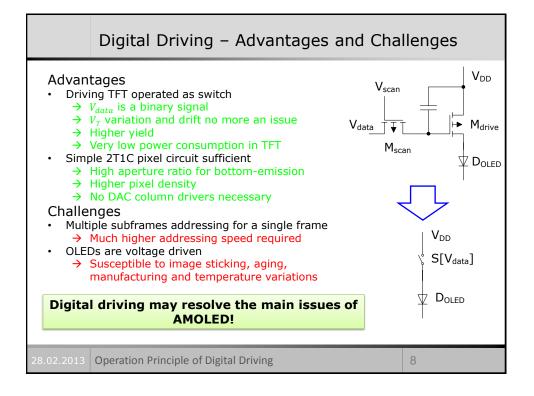


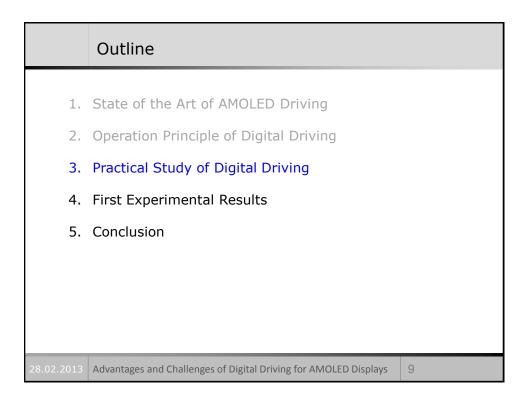


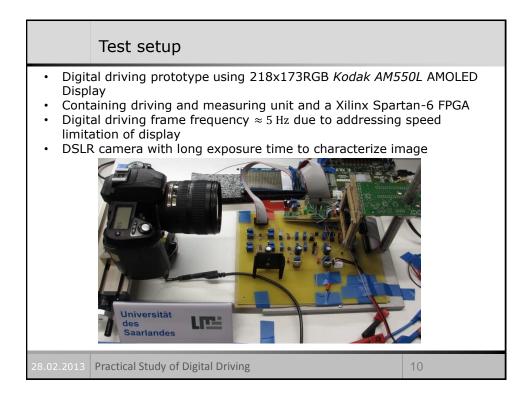


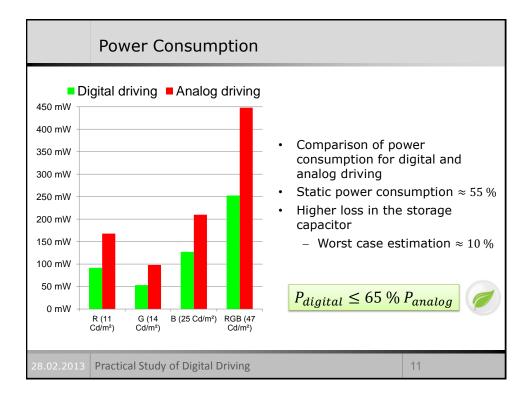


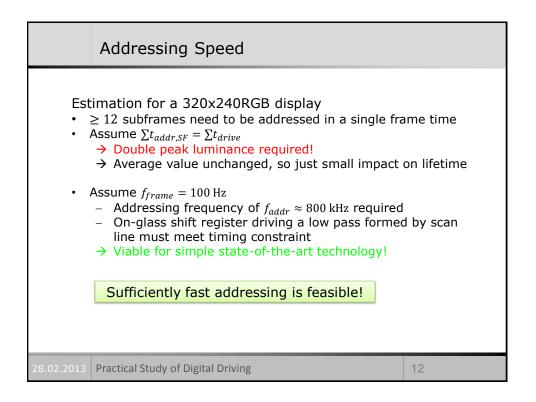


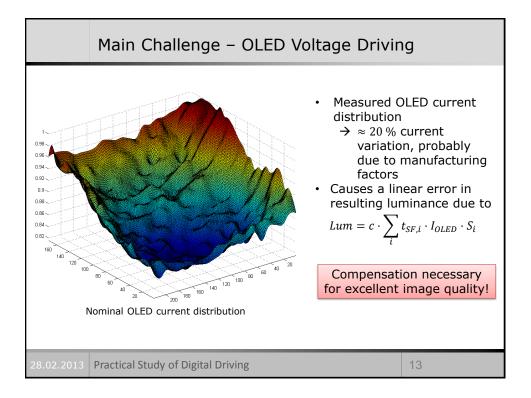


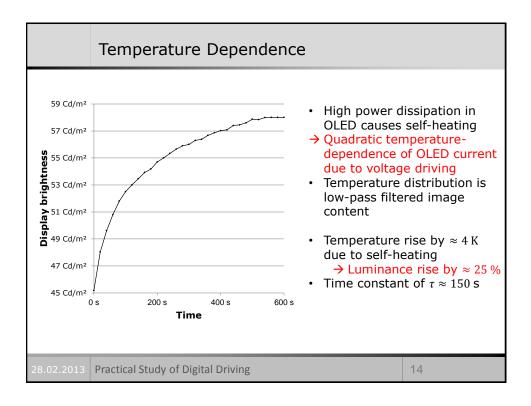


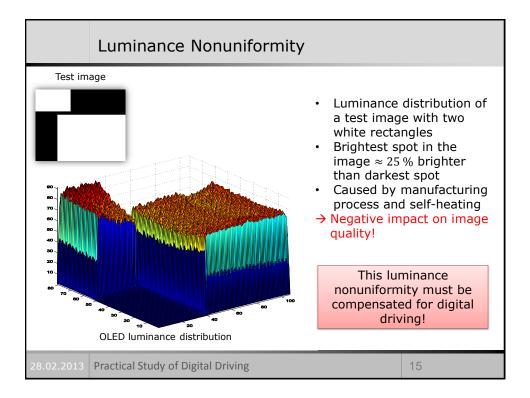


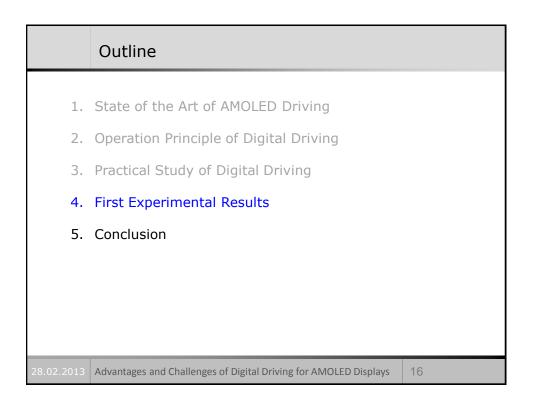


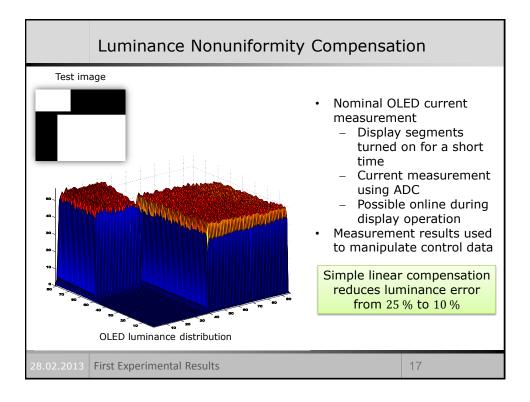


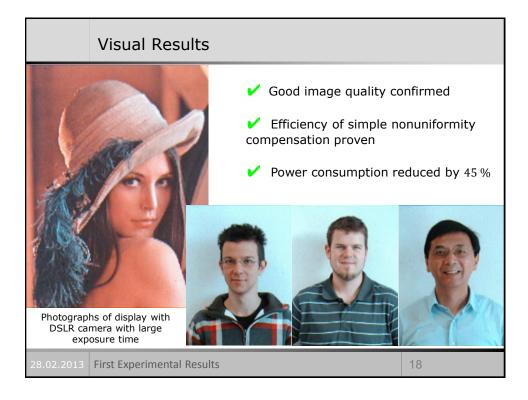


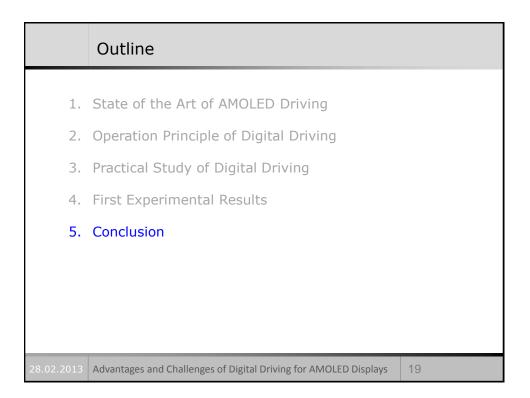












Conclusion			
 Digital Driving Robust against threshold voltage variation High yield, low cost Low power consumption State-of-the-art TFT-technology applicable Compensation of manufacturing variation, aging and temperature feasible Future work Compensating algorithm needs to be refined Validation on a digitally driven display allowing video 			
operation Digital driving may enable high-image-qual	lity		
low-cost and power-efficient AMOLED displays! Thank you for your attention!			
28.02.2013 Conclusion	20		