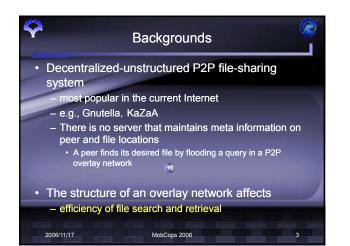
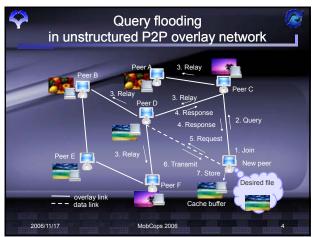
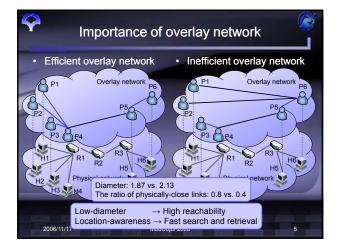
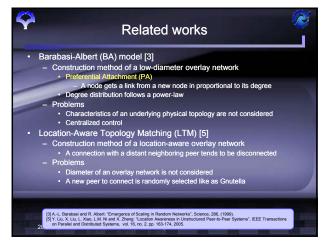


\$	Outline
Background	
 – Unstructure 	d P2P overlay network
– What is an e	efficient overlay network?
 Related work 	s
 BA model 	
– LTM	
 Proposed sc 	heme
	uction scheme of a low-diameter, location- resilient P2P network
 Simulation et 	xperiments
Conclusions	and future works
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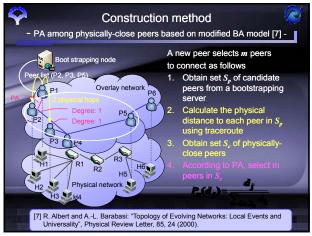


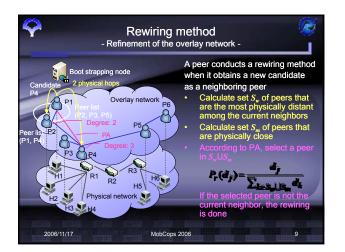


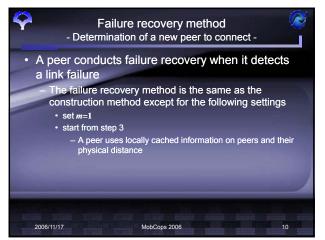


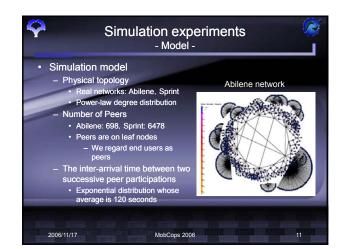


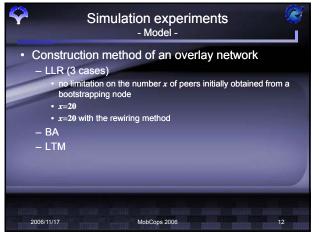


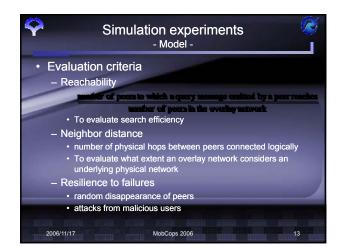


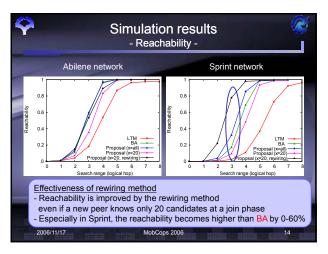


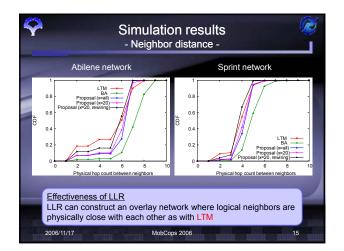


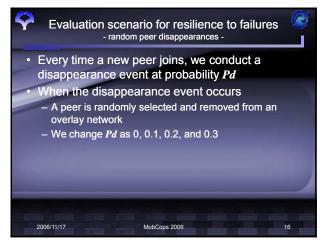


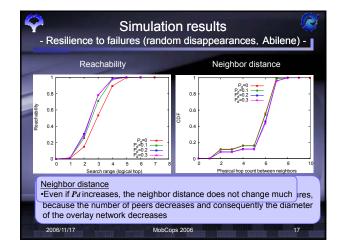


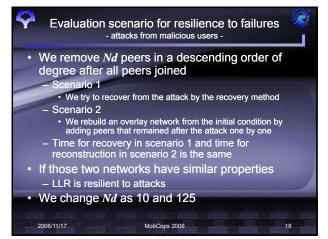


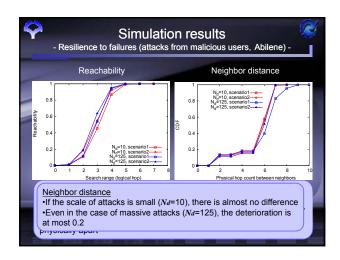












Ŷ	Conclusions and future works	1
• Con	clusions	
	/e proposed LLR: construction scheme of a low- ameter, location-aware, and resilient P2P network	
	e showed the following characteristics through mulation experiments	
	 Reachability is improved by 0-60% compared with BA model Neighbor distance becomes short as with LTM 	
•	 Failure resilience is accomplished against both random disappearances and malicious attacks 	
Futu	ure works	
– Lo	bad balancing among peers	
	Query messages tend to concentrate on high-degree nodes	
lensie is	 By introducing caching mechanism, we expect to reduce the load on a high-degree peer 	
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