


Module name: Seminar Cryptography			 universität bonn			
Module No. MA-INF 1310	Workload 120 h	Credit points 4	Frequency Every year			
Module coordinator	Prof. Dr. Joachim von zur Gathen					
Lecturer(s)	Prof. Dr. Joachim von zur Gathen					
Classification	Programme		Compulsory/ Optional		Semester	
	M.Sc. Computer Science		Optional		3 rd sem.	
Targeted learning outcomes	<p><u>technical skills:</u> Understanding research publications, often written tersely. Distilling this into a presentation. Determination of relevant vs. irrelevant material. Developing a presentation (usually in PowerPoint) that fascinates fellow students.</p> <p><u>soft skills:</u> Understanding and presenting material both orally and in visual media. Motivating other students to participate. Critical assessment of research results.</p>					
Contents	A special topic within cryptography, changing from year to year, is studied in depth, based on the current research literature.					
Prerequisites	Recommended: Cryptography (MA-INF 1103)					
Format/workload/ credits	Teaching format		Group size	Hours /week	Workload [h]	Credits
	Seminar		10	2	30 T/90 S	4
Exam achievements (graded)	Exam(s)					
	Oral presentation					
Study achievements (not graded)	Regular participation, written report					
Forms of media						
Literature	Current conference publications, to be announced in time					

T = Face-to-face teaching; S = Independent study