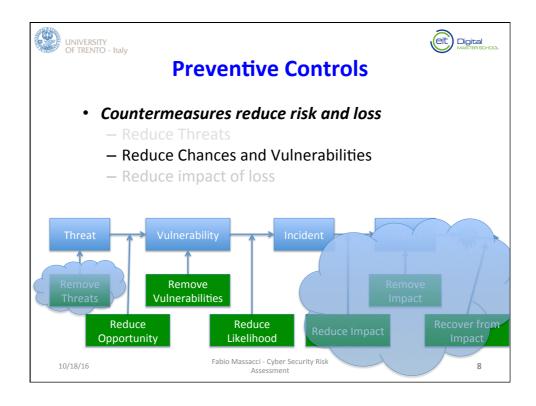
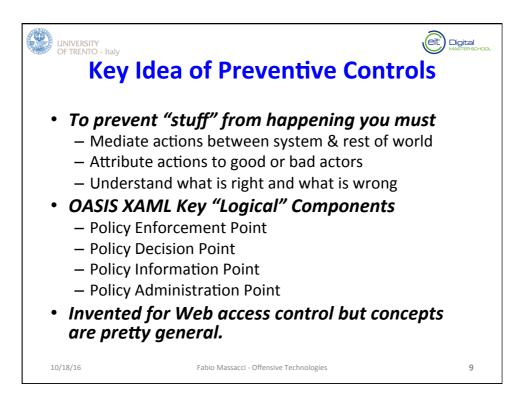
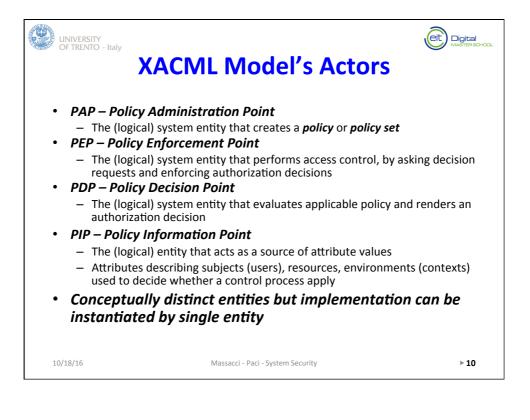


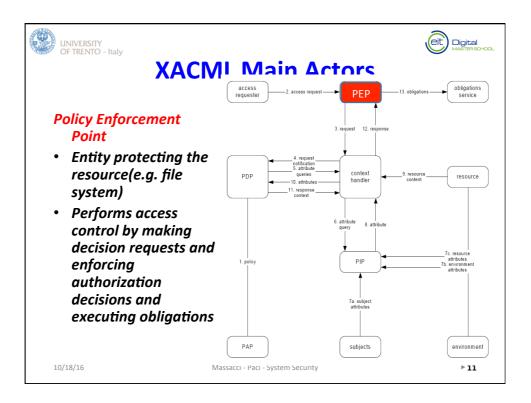
10/18/16

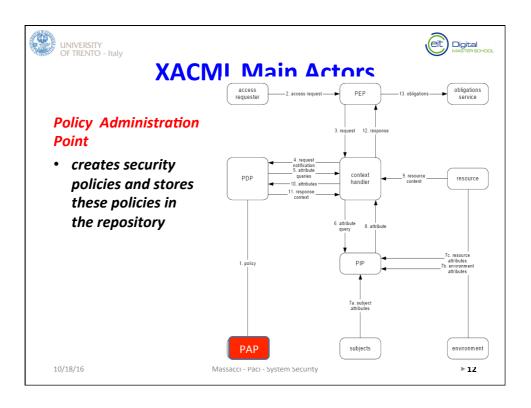


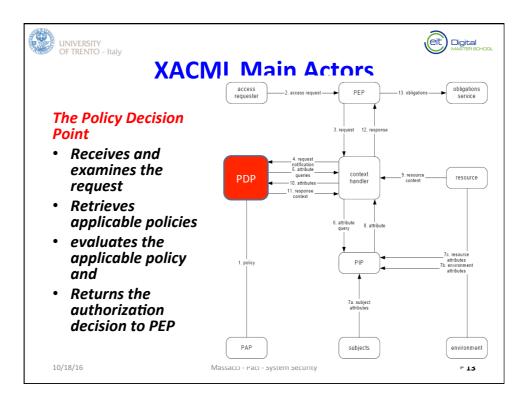


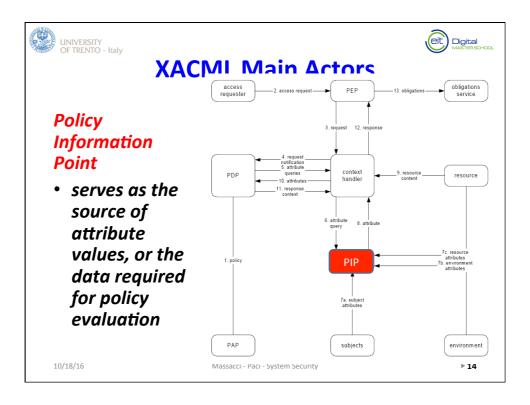


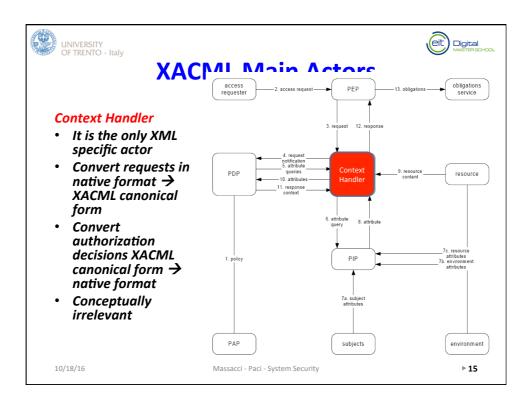


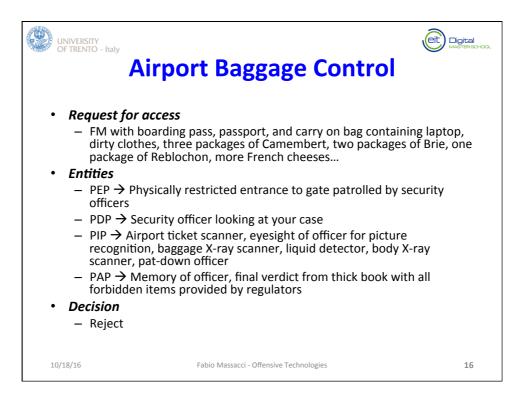


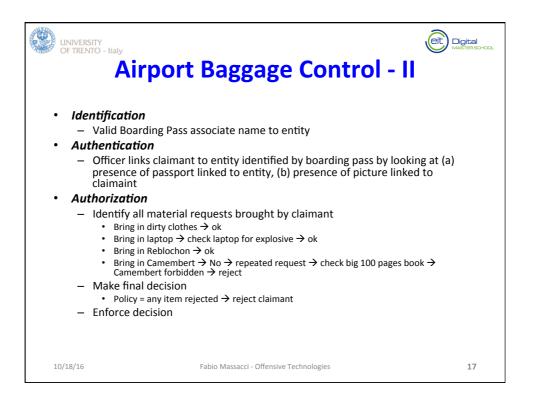


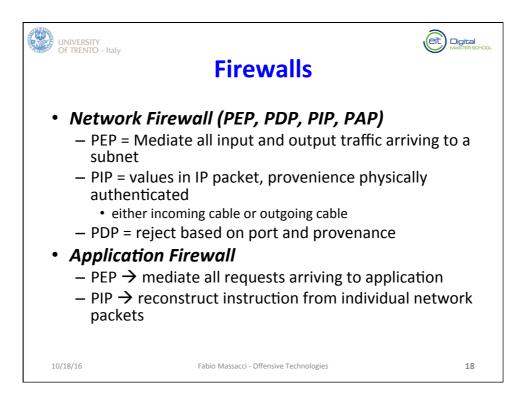


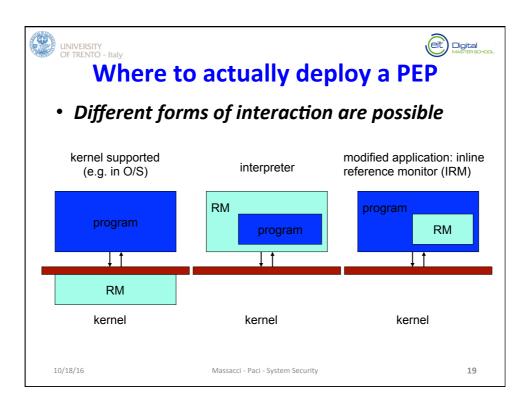


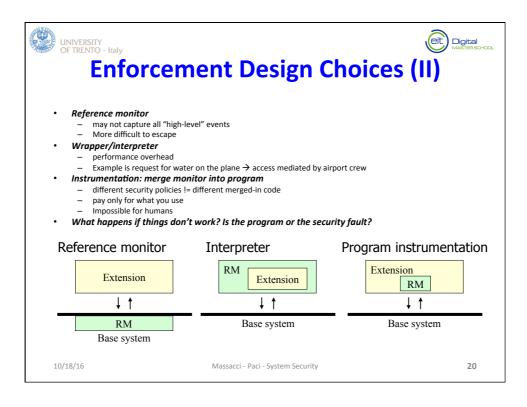


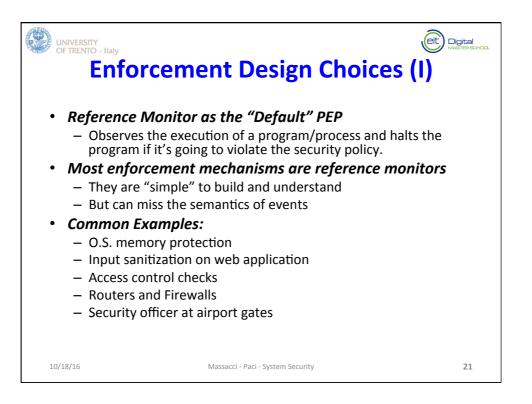


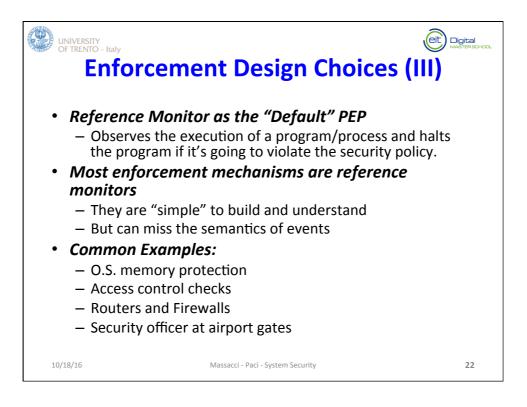


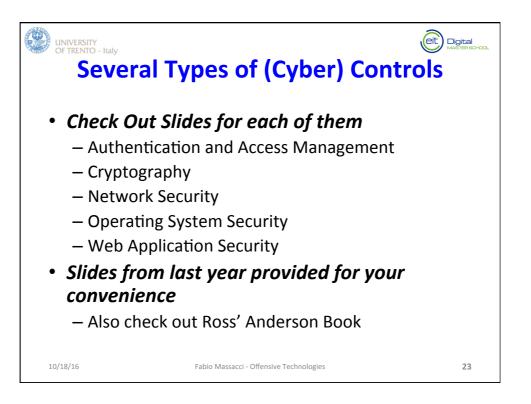


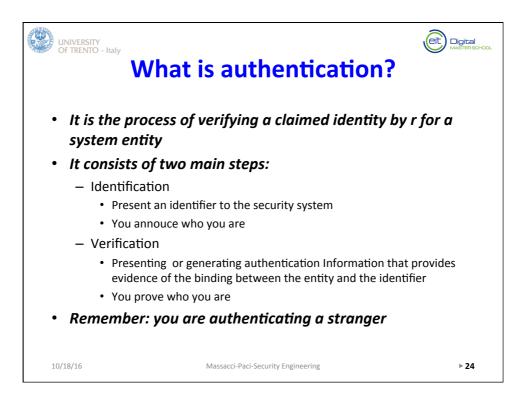




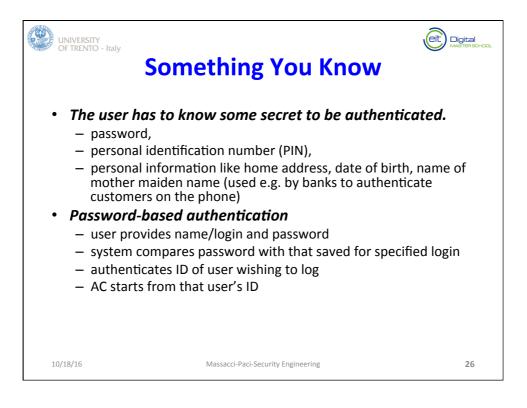




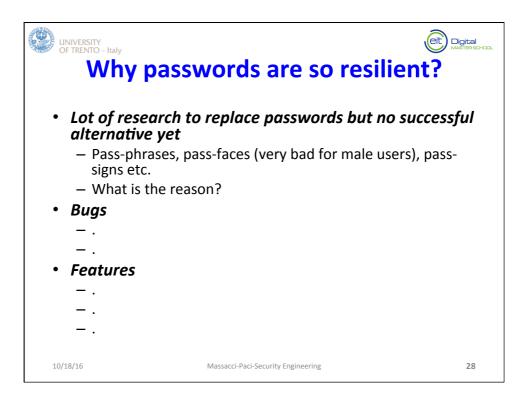


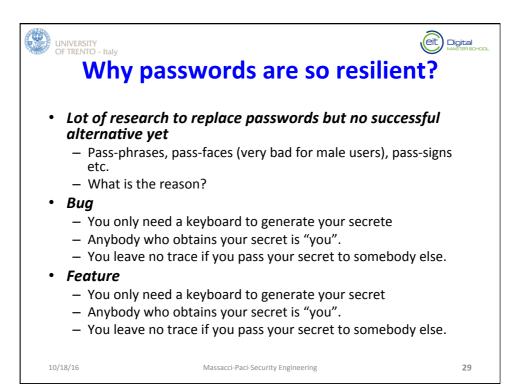


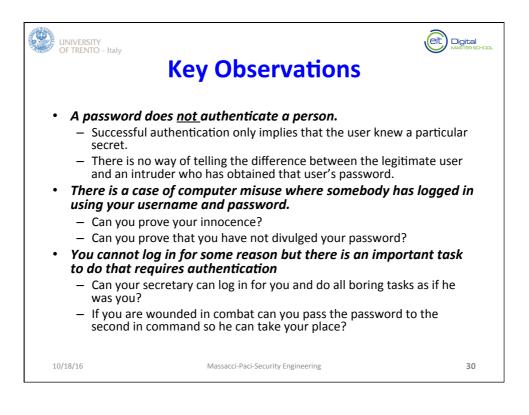


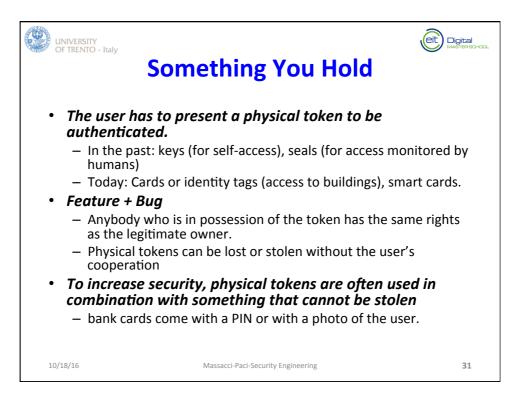


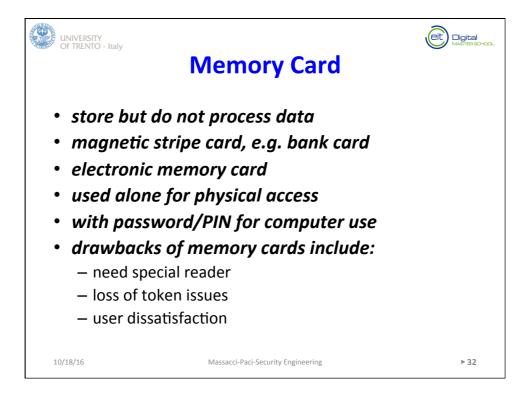
UNIVERSITY OF TRENTO - Italy Dessword Authentication				
 Typical issu how to g forgotte passwor protection Dangers User accondition Unchangen Badly ch Passwor Users fo the in 	Password Authentication The sthat need to be addressed: get the password to the user, n passwords, d guessing, on of the password file rounts without passwords. ged default passwords. osen passwords – dictionary/brute force attacks. ds stored in the clear. ds transmitted in the clear. rget passwords infrastructure for re-issuing passwords can be quite expensive uly secure)	e (if it has to		
10/18/16	Massacci-Paci-Security Engineering	► 27		

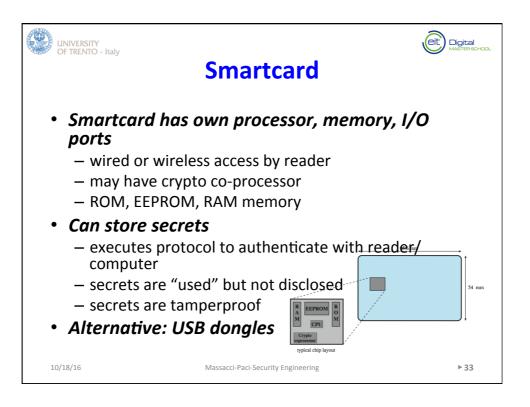


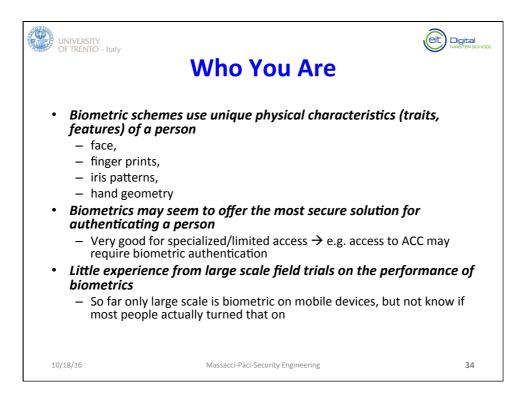


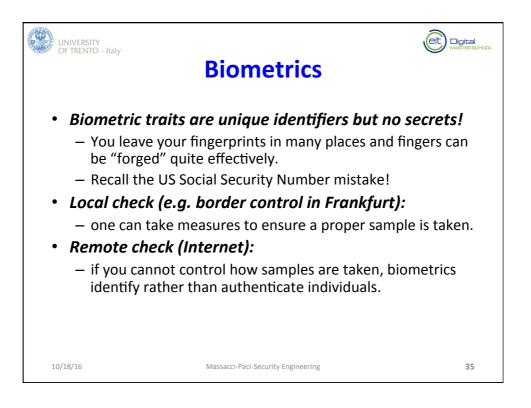


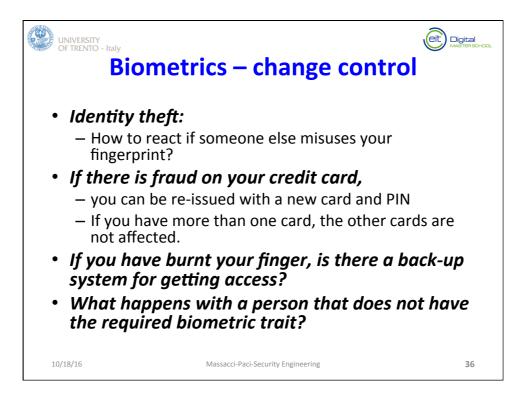


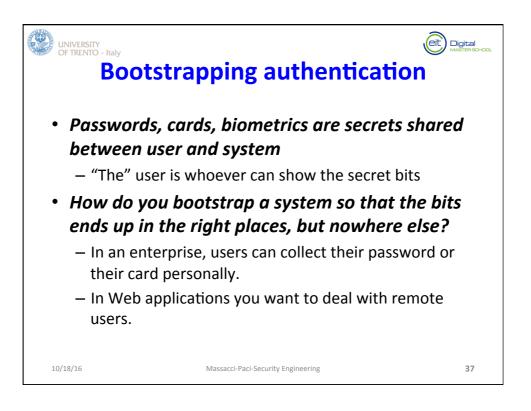


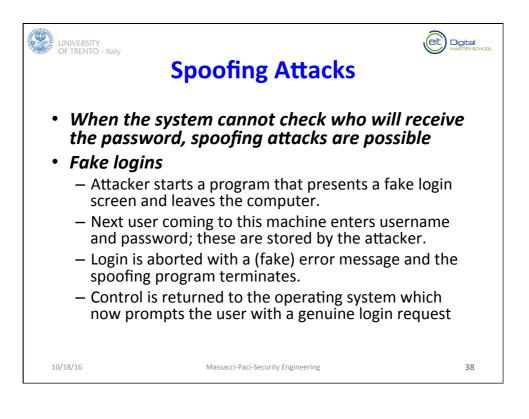


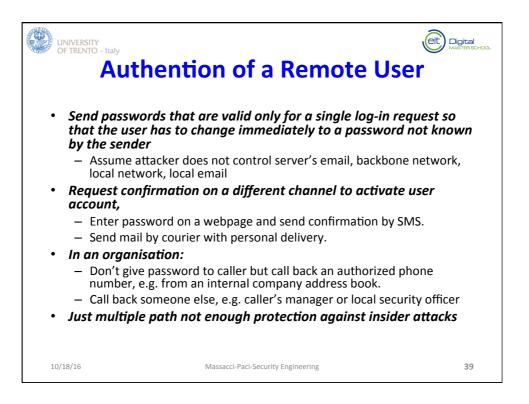


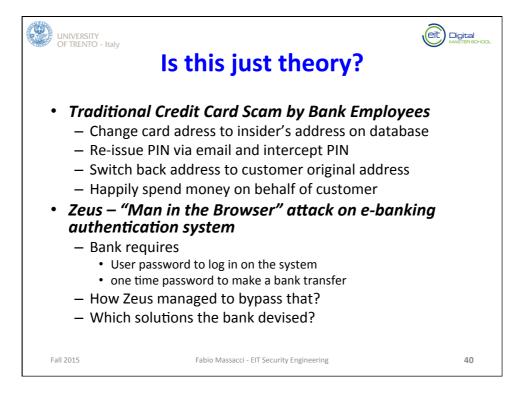


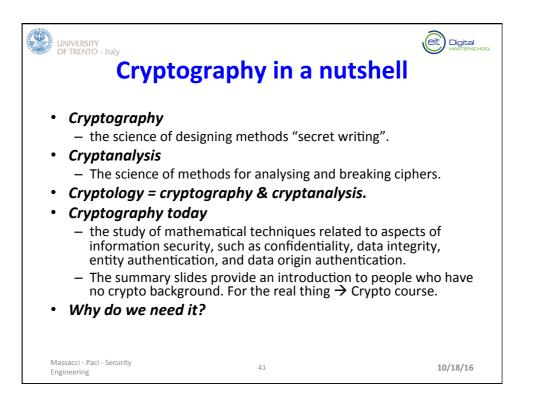


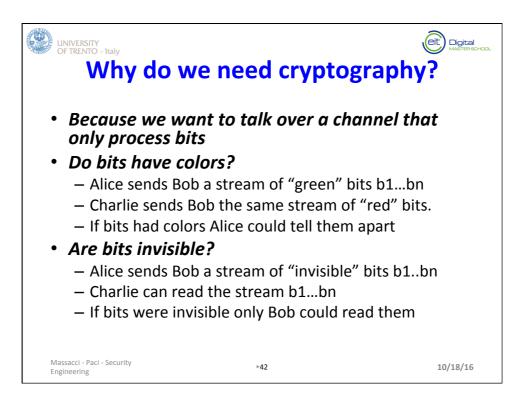


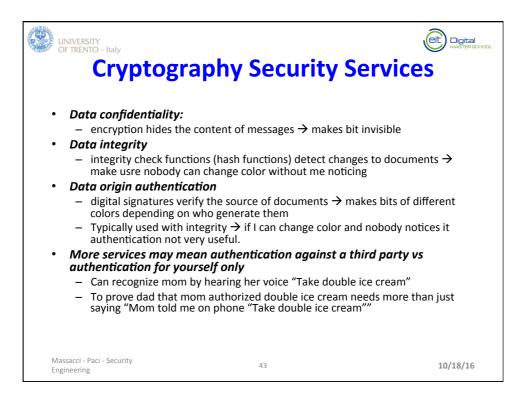


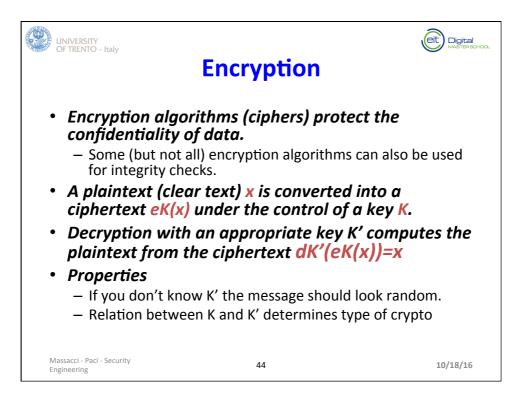












UNIVERSITY OF TRENTO - Italy	One time pad	Digital MASTER SCHOOL
 – Take a sequen – To encrypt → – Decrypt → m_ 	ning sequence of N messa ce of N truly random bits c_i=k_i xor m_i	
 BUT only if yo Zero integrity (so good only 	entiality in information th ou use the key only ONCE protection if integrity protected otherwis vive: truly random sequen	se)
Massacci - Paci - Security Engineering	► 4 5	10/18/16

