

# EIRINI MOLLA

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## EDUCATION

- 2015-present **PhD in Searchable Encryption**, *University of the Aegean, Dept. of Information and Communication Systems Engineering, Samos, GR.*  
Advisor: Panagiotis Rizomiliotis (<http://www.icsd.aegean.gr/prizomil>)
- 2013-2015 **Msc in Information and Communication Systems Security**, *University of the Aegean, Dept. of Information and Communication Systems Engineering, Samos, GR, Grade: 9.5.*  
Diploma Thesis: *A New Model for Topologically-based Order-preserving Encryption.*
- 2008-2013 **Bsc in Computer Science** *University of the Aegean, Dept. of Information and Communication Systems Engineering, Samos, GR, Grade: 8.1.*  
Diploma Thesis: *A survey on Attacks, Countermeasures for Watermarked Digital Media and Benchmarking Fragile Watermarking Methods for Relational Databases.*

## PUBLICATIONS

- 2017 P. Rizomiliotis, E.Molla, S. Gritzalis, “REX: a Searchable Symmetric Encryption Scheme Supporting Range Queries”, *ACM CCSW 2017 9th ACM Cloud Computing Security Workshop*, A. Stavrou, G. Karame, (eds), November 2017, Dallas, Texas, USA, ACM Press. <https://ccsw2017.gmu.edu/>
- (Under Review) E Molla, T. zouramanis, S. Gritzalis, “SOPE: A spatial Order Preserving Encryption Model for Multi-dimensional Data”, *Data & Knowledge Engineering*, Elsevier (2017).

## RESEARCH INTERESTS

My research interest involve Database management Systems (DBMS), Information Security and Cryptography.

## FELLOWSHIPS

- 2009-2010 Scholarship from *IKY (State Scholarships Foundation)* for second year of study, at the *Information and Communication Systems Engineering Department of the University of the Aegean.*
- 2011-2012 Scholarship from *IKY (State Scholarships Foundation)* for fourth year of study, at the *Information and Communication Systems Engineering Department of the University of the Aegean.*