

# Georgios Tsimos, Ph.D.

## Scientist at pod

Athens, Greece  
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Website, Google Scholar  
LinkedIn: gtsimos

### ABOUT

I currently work as a **Scientist at pod**.

Our aim is to produce the next generation of Web3 with optimal latency, via minimizing the usage of heavy consensus protocols. I received my **PhD** from the **Electrical Engineering** department at the **University of Maryland**, where I was co-advised by **Charalampos Papamanthou** and **Jonathan Katz**. Part of my PhD was completed while I was a visiting researcher at Yale. During my PhD, I researched consensus protocols and how we can improve their asymptotical metrics under harsh adversarial conditions.

### EDUCATION

#### Ph.D. in ELECTRICAL ENGINEERING

Advisors:

University of Maryland, College Park

Apr. 2025

Professor **Charalampos Papamanthou** (at Yale)

Professor **Jonathan Katz** (at UMD)

#### M.Sc. in ELECTRICAL ENGINEERING

University of Maryland, College Park

Aug. 2024

#### M.Sc. in COMPUTER SCIENCE

Athens University of Economics and Business, Greece

2018/2019

(Honors)

#### B.Sc. (4-year Ptychion) in COMPUTER SCIENCE

Athens University of Economics and Business, Greece

2014/2018

(Honors, Valedictorian)

### RESEARCH EXPERIENCE

#### Scientist

*Pod*

April 2025- Current

Athens, Greece

#### Research Intern

*Chainlink Labs*

May 2024- December 2024

Remote

#### Research Intern in Distributed Systems

*Mysten Labs*

May 2023- August 2023

Remote

Notable work: "HammerHead", [ICDCS'24]

#### Visiting Assistant Researcher in COMPUTER SCIENCE

*Yale University*

2023- 2024

New Haven, CT

Notable work: "Deterministic Byzantine Agreement with Adaptive  $O(n \cdot f)$  Communication", [SODA '24]

#### Visiting Researcher

*CISPA Helmholtz Center for Information Security*

Dec 2022

Saarbrücken, Germany

Notable work: "Towards Optimal Parallel Broadcast under a Dishonest Majority", [FC'25]

#### Graduate Research Assistant

*Maryland Cybersecurity Center (MC2 Lab)*

2019 — 2025

University of Maryland, College Park, MD

### PUBLICATIONS

(Author names appear mainly in lexicographic order)

D. Collins and S. Duan and J. Loss and C. Papamanthou and G. T. and H. Wang:

"Towards Optimal Parallel Broadcast under a Dishonest Majority"

Partially while visiting CISPA

Published: **Financial Crypto 2025**

A. Alexandru and J. Loss and C. Papamanthou and G. T. and B. Wagner:

"Sublinear-Round Broadcast without Trusted Setup"

Partially while at Yale

Published: **SODA 2025**

G. T. and A. Tschichold and A. Sonnino and L. Kokoris-Kogias:

"HammerHead: Leader Reputation for Dynamic Scheduling"

During Internship at Mysten Labs

Published: **ICDCS 2024**

F. Elsheimy and G. T. and C. Papamanthou:

"Deterministic Byzantine Agreement with Adaptive  $O(n \cdot f)$  Communication"

While at Yale

Published: **SODA 2024**

A. Alexandru and J. Loss and C. Papamanthou and G. T.:

"Sublinear-Round Broadcast without Trusted Setup against Dishonest Majority"

manuscript

G. T. and J. Loss and C. Papamanthou:

"Gossiping For Communication-Efficient Broadcast"

Published: **CRYPTO 2022**

### HONORS AND AWARDS

#### STUDENT TRAVEL GRANT (\$650)

January 2024

SIAM, SODA

#### DEAN'S FELLOWSHIP (\$15,000)

for the First Year of Ph.D.

Aug. 2019 — Jun. 2020

University of Maryland, College Park, MD

**OUTSTANDING ACADEMIC PERFORMANCE SCHOLARSHIP (\$5,000)**

**AWARD IN MEMORY OF MICHALIS MITILINAIOS (€300)**

for *Top Performance* in selected TCS courses

**June 2022**

Gerondelis Foundation

**2016- 2017**

AUEB, Greece

## SKILLS

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**Communication:** English (fluent speaker) , Greek (native) , Spanish (basic communication)

## VOLUNTARY ACTIVITIES AND SERVICE TO THE COMMUNITY

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Program Committees: CCS'25

Reviewer: JoC'24, FINANCIAL CRYPTO'24, AFT'23, CCS'23, PKC'23, FINANCIAL CRYPTO'23, CCS'22, EUROCRYPT'21

## REFERENCES

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References can be provided upon request.