

1 Name & Rank: Tassos Dimitriou, Professor.

2 Education

Degree	Discipline	Institution	Year
MSc & Ph.D.	Computer Science and Engineering	University of California, San Diego, USA	1993 - 1996
B.S.	Computer Science and Engineering	University of Patras, Greece	1985 - 1990

3 Academic Experience

Institution	Designation	Year/Period	FT/PT
Kuwait University	Professor	Present	FT
Aalborg University, Denmark	Adjunct Professor	2005 - 2012	PT
Carnegie Mellon University, USA	Adjunct Professor	2002 - 2010	PT
Athens Information Technology, Greece	Associate Professor, Head Algorithms & Security	2002 - 2012	FT
University of Athens	Visiting Professor	1999 - 2002	PT
University of Crete-Hania	Visiting Professor	1999 - 2002	PT

4 Non-Academic Experience:

Organization	Designation	Year/Period	FT/PT
Computer Technology Institute, Greece	Researcher	1998-2001	FT

5 Certifications / professional registrations:

- ACM Distinguished lecturer (2018-2022).

6 Membership in Professional Organization:

- ACM, IEEE, USA, Senior member, 2002 - Present.
- IEEE Computer Society, USA, Member, 2002 - Present.
- Technical Chamber of Greece, Greece, Member, 1986 - Present.

7 Honors and Awards:

- Fulbright Scholar
- Research Sector's award for journal paper: Fair and Privacy-Respecting Bitcoin Payments for Smart Grid Data. In IEEE Internet of Things Journal, April 2020.
- Research Sector award for journal paper: Container Security: Issues, Challenges, and the Road Ahead. In IEEE Access, April 2019.
- Best scientific poster 2017, "Deniability in location based services". Awarded by Research Sector.
- Best paper award, Antonis Michalas, Tassos Dimitriou, Thanassis Giannetsos, Nikos Komninou, and Neeli R. Prasad. Vulnerabilities of Decentralized Additive Reputation Systems Regarding the Privacy of Individual Votes, In the 3rd International ICST Conference on Security and Privacy in Mobile Information and Communication Systems (MobiSec 2011), 2011.
- Best paper award, Yiannis Chatzigiannakis, Tassos Dimitriou, Sotiris Nikolettseas, Marios Mavronicolas and Paul Spirakis. A Comparative Study of Protocols for Efficient Data Propagation in Smart Dust Networks. 9th International Conference on Parallel and Distributed Computing (EuroPar 2003). Distinguished paper, 2003.

8 Service Activities:

- a. Local (Kuwait University)
Participation multiple times in Design Committee, Undergraduate Program Committee (UPC), Assessment Committee – Coordinator (2017-2022), Promotion committee
- b. International
Committee member and program chair of various international conferences and workshops. Work in this respect includes Issuance of Call of Papers, Assembly of Technical Program Committee with eminent academics and professionals, Contacting / Inviting keynote speakers, Identification of interested parties, Collection of papers and co-ordination of the review process, Chairing of sessions and panels, Handling paper reviews. Some recent conferences can be seen below.
- c. Reviewer for technical journals

9 Publications and Presentations (from past five years):

- a. Tassos Dimitriou. The strange case of XOR-CNFs: Obfuscation and more. In the 21st International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research, Uppsala, Sweden, 28–31 May 2024
- b. Camille Foucault, Reyhaneh Rabbaninejad, Tassos Dimitriou and Antonis Michalas. FE[r]Chain: Enforcing Fairness in Blockchain Data Exchanges Through Verifiable Functional Encryption. In the ACM Symposium on Access Control Models and Technologies (SACMAT), San Antonio, TX, United States, May 15-17, 2024.
- c. Tassos Dimitriou, Khazam Alhamdan. CENSOR: Privacy-preserving Obfuscation for Outsourcing SAT formulas. In 22nd IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TRUSTCOM), 1-3 November 2023, Exeter, UK.
- d. Husain Sharaf, Imtiaz Ahmad, Tassos Dimitriou. Extended Berkeley Packet Filter: An Application Perspective. IEEE Access 10: 126370-126393 (2022)
- e. Tassos Dimitriou, Antonis Michalas. Incentivizing Participation in Crowd-Sensing Applications Through Fair and Private Bitcoin Rewards. IEEE Access 10: 129004-129018 (2022)
- f. Alexandros Bakas, Antonis Michalas, Tassos Dimitriou. Private Lives Matter: A Differential Private Functional Encryption Scheme. CODASPY 2022: 300-311
- g. Karim Elmaghraby, Tassos Dimitriou. Blockchain-Based Fair and Secure Certified Electronic Mail Without a TTP. IEEE Access 9: 100708-100724 (2021)
- h. Tassos Dimitriou. Decentralized Reputation. CODASPY 2021: 119-130
- i. Tassos Dimitriou. Fair and private Bitcoin rewards: Incentivizing participation in Crowd-sensing applications. DAPPS 2020: 120-125
- j. Tassos Dimitriou, Ameer Mohammed. Fair and Privacy-Respecting Bitcoin Payments for Smart Grid Data. IEEE Internet Things J. 7(10): 10401-10417 (2020)
- k. Tassos Dimitriou. Efficient, Coercion-free and Universally Verifiable Blockchain-based Voting. Comput. Networks 174: 107234 (2020)
- l. Sari Sultan, Imtiaz Ahmad, Tassos Dimitriou. Container Security: Issues, Challenges, and the Road Ahead. IEEE Access 7: 52976-52996 (2019)
- m. Tassos Dimitriou, Thanassis Giannetsos, Liqun Chen. REWARDS: Privacy-preserving rewarding and incentive schemes for the smart electricity grid and other loyalty systems. Comput. Commun. 137: 1-14 (2019)
- n. Khazam Alhamdan, Tassos Dimitriou, Imtiaz Ahmad. Attack on a Scheme for Obfuscating and Outsourcing SAT Computations to the Cloud. ICETE (2) 2019: 356-362
- o. Tassos Dimitriou, Naser Al-Ibrahim. "I wasn't there" – Deniable, privacy-aware scheme for decentralized location-based services. In Future Generation Computer Systems, April 2018.
- p. Tassos Dimitriou. Privacy-Respecting Rewards for Participatory Sensing Applications. In IEEE Wireless Communications and Networking Conference. Barcelona, Spain, April 2018.

10 Recent Professional Development Activities:

- a. Have supervised two MSc theses.
 - Karim AlMaghraby. "Blockchain-based Fair and Secure Certified email", 2021.

- Khazam Alhamdan. “Outsourcing hard Satisfiability Formulas to the cloud”, 2022.
- b. Have initiated the following funded research projects:
- Private and efficient Bitcoin rewards for Crowd-sensing data”, 2021.
 - “Secure and verifiable blockchain-based voting”, 2020
 - “Privacy-respecting rewarding mechanisms for the smart grid and urban sensing systems”, 2019.
- c. Conference chairing, TPC membership, etc.,
- The 19th International Conference on Availability, Reliability and Security (ARES 2024), July 30 – August 2, 2024 in Vienna, Austria.
 - The 14th ACM Conference on Data and Application Security and Privacy (CODASPY) June 19 – 21, 2024. Porto, Portugal.
 - The 14th WISTP International Conference on Information Security Theory and Practice (WISTP 2024), Feb 29 & March 1st 2024, Paris, France
 - The 27th Nordic Conference on Secure IT Systems (NordSec 2022), 30 November 2022 - 02 December 2022 | Reykjavik University, Iceland
 - The 27th European Symposium on Research in Computer Security (ESORICS) 2022. Copenhagen, Denmark on 26-30 September 2022
 - The 3rd Workshop on Cyber-Security Arms Race (CYSARM), 19 November, 2021, South Korea
 - The 26th Nordic Conference on Secure IT Systems. 29-30 November 2021, Tampere University (Virtual Event), Finland.
 - The 26th European Symposium on Research in Computer Security (ESORICS) 2021. The symposium was held virtually from October 4 - 8, 2021