Enis Ceyhun Alp

Contact Information

EPFL IC IINFCOM DEDIS
BC 263 (Bâtiment BC)
Station 14
CH-1015 Lausanne

Phone: +41-078-734-63-49
E-mail: enis.alp@epfl.ch

Research Interests

Distributed and decentralized systems, security, networking

Education

École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland 2017–

- Ph.D. Candidate, Computer Science
- Advisor: Bryan Ford

University of Wisconsin-Madison, Madison, WI, USA May 2017

- M.S., Computer Science
- GPA: 3.94

Bogazici University, Istanbul, Turkey Jan 2015

- B.S., Computer Science and Engineering
- Ranked 3rd out of 75 students

University of Washington, Seattle, WA, USA Spring 2014

- Exchange student

Publications and Preprints

Enis Ceyhun Alp, Eleftherios Kokoris-Kogias, Georgia Fragkouli, Bryan Ford. *Rethinking General-Purpose Decentralized Computing*. In Proceedings of the Workshop of Hot Topics in Operating Systems (HotOS), Bertinoro, Italy, May, 2019.

Eleftherios Kokoris-Kogias, Enis Ceyhun Alp, Sandra Deepthy Siby, Nicolas Gailly, Linus Gasser, Philipp Jovanovic, Ewa Syta, Bryan Ford. *Verifiable Management of Private Data under Byzantine Failures*. Cryptology ePrint Archive: 209.

Keith Funkhouser, Matthew Malloy, Enis Ceyhun Alp, Phillip Poon, Paul Barford. *Device Graphing by Example*. In Proceedings of the 24th ACM SIGKDD Conference on Knowledge Discovery and Data Mining (KDD), London, United Kingdom, August, 2018.

Matthew Malloy, Paul Barford, Enis Ceyhun Alp, Jonathan Koller, Adria Jewell. *Internet Device Graphs*. In Proceedings of the 23rd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining (KDD), Halifax, Nova Scotia, Canada, August 2017.

Patents

Matthew Malloy, Enis Ceyhun Alp and Paul Barford. *Systems and Methods for Generating and Transmitting Content Based on Access from a Common Device*. Patent pending, 2017.

Awards and Honors

Fellowship for Doctoral Studies, *School of Computer and Communication Sciences, EPFL* 2017

Graduate Assistantship, *Department of Computer Sciences, UW-Madison* 2015

- Guaranteed financial support for the first 4 academic years through teaching assistantship
- Financial support includes stipend and tuition remission

Dean's High Honor List, *Bogazici University* 2015
- Requires having a GPA of at least 3.50/4.00 in all semesters attended

Erasmus Student Mobility for Placements (SMP) Grant 2013

Turkish Presidential Scholarship 2009
- Awarded to the students who ranked in the top 100 in the nationwide University Entrance Exam or Foreign Language Examination in English

Work Experience

comScore, Inc. Madison, WI
Data Analyst Intern Jun-Aug 2016

DAI-Labor at Technical University of Berlin Berlin, Germany
Engineering Intern Jun-Sep 2013

Netas Istanbul, Turkey
Engineering Intern Jun-Jul 2012

Teaching Assistantships

Technologies of Societal Self-Organization (CS-234) Fall 2019, EPFL

Decentralized System Engineering (CS-438) Fall 2018, EPFL

Information Security and Privacy (COM-402) Spring 2018, EPFL

Introduction to Computer Systems (CS 354) Spring 2017, UW-Madison

Introduction to Computer Networks (CS 640) Fall 2016, UW-Madison

Advanced Operating Systems (CS 736) Spring 2016, UW-Madison

Introduction to Operating Systems (CS 537) Fall 2015, UW-Madison

Service

- Sub-reviewer, NSDI 2019
- Sub-reviewer, FC 2018

Student Advising

- Mahdi Bakhshi (co-advised with Philipp Jovanovic): "Investigating Transport Layer Protocols for Threshold Logical Clocks", *Summer internship*, Summer 2019
- Manuel Vidigueira (co-advised with Philipp Jovanovic): "Threshold Logical Clocks", *Master's semester project*, Spring 2019

Computer Skills

Languages: Go, C, Python, Java, C++, Bash

Big-data systems: HDFS, MapReduce, Pig, Spark

Operating Systems: Linux, xv6

Tools: GDB, Wireshark, Git