

Dimitrios I. Diochnos

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SCIENTIFIC INTERESTS

• Machine Learning • Artificial Intelligence • Theoretical Computer Science

EDUCATION & ACADEMIC APPOINTMENTS

2019 –	Assistant Professor in Computer Science, University of Oklahoma.
2015 – 2019	Hobby postdoctoral research associate, University of Virginia.
2013 – 2015	Postdoctoral research associate, University of Edinburgh.
2013	PhD, Department of Mathematics, Statistics, and Computer Science, University of Illinois at Chicago. Advisor: György Turán.
2007	MSc, Department of Mathematics, National and Kapodistrian University of Athens. Advisor: Ioannis Z. Emiris.
2004	Ptychion, Department of Informatics and Telecommunications, National and Kapodistrian University of Athens. Supervisor: Panagiotis Stamatopoulos.

FUNDING

- NSF Award [ICER-2019758](#) *AI Institute: Artificial Intelligence for Environmental Sciences (AI2ES)*, Senior Personnel (Lead PI: Amy McGovern, PIs: Philippe Tissot, Christopher Thorncroft, Ruoying He, Imme Ebert-Uphoff), 2020–2025. Total budget: \$20,000,000, towards OU: \$4,000,000, DID credit: \$400,000.

FELLOWSHIPS & AWARDS

2023	NeurIPS 2023 Top Reviewers (Reserved Registration Spot).
2022	OU Presidential International Travel Fellowship (\$938).
2021	Annual Award for Excellence in Research Grants (OU VPRP Office).
2019	NeurIPS 2019 Top Reviewers (Reserved Registration Spot).
2016	IJCAI-16 Quality Reviewing (1 Blue Ribbon).
2010 – 2011	UIC Chancellor’s Graduate Research Fellowship, Spring – Summer 2010. Renewed for second year (maximum), Spring – Summer, 2011 ($2 \times \$2,500$).
2009	Teaching Award, MCS 260 - Introduction to Computer Science, Fall 2009.
1998 – 2004	Fellowship for undergraduate studies by “Zossima Brothers” foundation (\$3,000).

SCIENTIFIC ACTIVITIES & SERVICE

Managing Editor	Annals of Mathematics and Artificial Intelligence (AMAI), 2024–now.
Associate Editor	Annals of Mathematics and Artificial Intelligence (AMAI), 2022–now.
Guest Editor	AMAI special issue dedicated to ISAIM 2018.
Area Chair	NeurIPS 2024.
Program Committee	NeurIPS 2019–2023, ICML 2020–2024, CVPR 2024, AAAI 2018, 2021–2025, ECAI 2023, IJCAI 2016, 2017, 2019, AAMAS 2021, 2022, NLDL 2025, CAI 2024, CEC 2023, WCCI 2022, ISAIM 2016, 2018, 2020, 2024, ACMSE 2021–2024, TAPIA 2022.
Publicity Chair	ISAIM 2012–2024.
Organizing Committee	Symposium on AI & ML at OU 2019, 2020.
Webmaster	Workshop on Graph Theory & Combinatorics in Memory of Uri Peled, UIC, 2010. ISAIM 2012–2024 (biennial).
Scientific Committee	International Olympiad in Informatics 2004.
NSF	NSF Reviewer 2022.
Regular Reviewer	TMLR, 2022–.
Invited Reviewer	SODA, AAAI, ICALP, IJCAI, ISAIM, AAMAS, ALENEX, CASC.

University of Oklahoma	Service at different committees within Computer Science. Service at different hiring committees across OU. Computer Science Seminar organizer (Fall 2023).
Faculty Advisor	SACM (Fall 2022–), OU AI/ML Club (Spring 2023–).

SELECTED PUBLICATIONS

For a complete list please see at <https://www.diochnos.com/research/publications>.

2. Pantia-Marina Alchirch, Dimitrios I. Diochnos, Katia Papakonstantinou. Evolving Monotone Conjunctions in Regimes Beyond Proved Convergence. *Twenty-Fifth European Conference on Genetic Programming (EuroGP) 2022*.
1. Dimitrios I. Diochnos, Saeed Mahloujifar, Mohammad Mahmoodi. Adversarial Risk and Robustness: General Definitions and Implications for the Uniform Distribution, *Thirty-Second Conference on Neural Information Processing Systems (NeurIPS)*, Montréal, Canada, 2018.

SELECTED TALKS

- Adversarial Risk and Robustness: General Definitions and Implications for the Uniform Distribution. *NeurIPS 2018*, Montréal, Canada, December 5, 2018.
- SmartSociety. *SICSA DEMOFest 14*, Edinburgh, UK, October 30, 2014.

STUDENT ADVISING (THESIS ADVISOR OR EQUIVALENT)

OU, PhD	Pantia-Marina Alchirch, Computer Science, University of Oklahoma, 2022–now. Will Keely, Data Science and Analytics (DSA), University of Oklahoma, 2021–now. Jay Rothenberger, Computer Science, University of Oklahoma, 2021–now. Naeem Shahabi-Sani, Computer Science, University of Oklahoma, 2021–now.
OU, MSc	Luis Vazquez, Computer Science, University of Oklahoma, 2024–2025.
OU, UG	Luke Terry, Undergr. Research Assistant, AI2ES, University of Oklahoma, 2024–2025. Tiffany Le, Undergr. Research Assistant, AI2ES, University of Oklahoma, 2023–2024. Alberto Liu, Undergr. Research Assistant, AI2ES, University of Oklahoma, 2022–2023. Erin Sullivan, Honors Thesis, University of Oklahoma, Spring 2023. Tyson Harris, Honors Thesis, University of Oklahoma, Fall 2022. Vincent Ferrera, Undergr. Res. Assistant, REU@AI2ES, University of Delaware, Summer 2022. Jose E. Aguilar Escamilla, McNair Scholar, University of Oklahoma, 2021–2022. Caleb Lagge, Undergr. Res. Ass., DISC, Honors Thesis, University of Oklahoma, 2021–2022. Conner Flansburg, Undergr. Research Assistant, AI2ES, University of Oklahoma, 2020–2021.
AUEB, UG	Pantia-Marina Alchirch, Undergraduate Thesis, Athens University of Economics and Business, 2020–2021. Co-advised with Dr Katia Papakonstantinou.
UVA, UG	The following four students did their Undergraduate Capstone Project with me at the University of Virginia, during the academic year 2017–2018: Nicholas Georgiou, Alyson Irizarry, Andrew Lee, Ceyer Wakilpoor.

TEACHING

OU	CS3823 - <i>Theory of Computation</i> , University of Oklahoma, Fall 2019, Fall 2022–2024. CS4033/5033 - <i>Machine Learning</i> , University of Oklahoma, Fall 2020, Spring 2022–2024. CS5033 - <i>Machine Learning</i> , University of Oklahoma (Online Program), Spring 2022, 2023, 2024. CS5713 - <i>Computational Learning Theory</i> , University of Oklahoma, Fall 2020, 2021–2024.
UVA	CS3102 - <i>Theory of Computation</i> , University of Virginia, Fall 2018. CS4710 - <i>Artificial Intelligence</i> , University of Virginia, Spring 2016, Fall 2016, 2017. CS6501 - <i>Learning Theory</i> , University of Virginia, Fall 2015, Spring 2017–2019.

LANGUAGES

Greek (native), English (fluent), German (elementary).

UPDATED

Last update was performed on October 1, 2024 at 14:34.