Victor A. Mateevitsi, PhD

EDUCATION

Ph.D., Department of Computer Science — **2009 – 2018**
University of Illinois at Chicago — Chicago, IL
Advisor: Andrew Johnson

Bachelors of Science, Computer Science and Technology — **2002 – 2007**
University of Peloponnese — Tripolis, Greece
Advisors: George Lepouras, Costas Vassilakis

AWARDS AND HONORS

Senior ACM Member	ACM	**2024**
Senior IEEE Member	IEEE	**2024**
Argonne Impact Award	Argonne National Laboratory	**2024**
Best Paper Award	ISAV24	**2024**
First Place	IEEE SciVis Contest	**2023**
Best Workflow	IEEE SciVis Contest	**2023**
Best Paper Award	ISAV23	**2023**
Argonne Impact Award	Argonne National Laboratory	**2023**
TEDx Speaker	TEDxUofIChicago	**2016**
Alien of Extraordinary Ability	US Green Card	**2016**
Dean's Scholar Award	University of Illinois at Chicago	**2015**
20 in their 20s	Crain's Chicago Business	**2014**
Best Paper Award	IEEE CollaborateCom	**2014**
Fifty For The Future®	Illinois Technology Foundation	**2013**
Certificate of Appreciation for outstanding performance and lasting contribution to Wearable Technology	MIT Enterprise Chicago	**2013**
Best Augmented Reality Hardware (Finalist)	Augmented World Exposition	**2013**
Image of Research (Finalist)	University of Illinois at Chicago	**2013**

WORKING EXPERIENCE

Argonne National Laboratory
Computer Scientist — **2025 - Present**
Assistant Computer Scientist — **2020 - 2025**
Lemont, IL

- Lead research in in situ visualization, digital twins, high-performance computing (HPC), and scientific rendering.
- Develop scalable software pipelines using ParaView, VTK, SENSEI, ASCENT, and ANARI for real-time analysis of scientific simulations.
- Support INCITE users with advanced visualization workflows on ALCF supercomputers.

University of Illinois at Chicago — **2024 - Present**
Adjunct Research Professor — Lemont, IL

- Supervise graduate students and advise thesis research in visualization, digital twins, and extended reality.

GN Advanced Science — **2018 - 2020**

Research Scientist Glenview, IL

- Research and Development of next-generation smart Hearing Aid solutions, and Hearables. Fast prototyping of sensors, interaction devices, and VR simulations (3D printing, H/W design, C#, Unity).

Spatial Canvas **2017 - 2018**
Co-Founder/CTO Chicago, IL

- Lead designer and engineer of multi-user persistent Augmented Reality library that runs on mobile phones (ARcloud, ARKit, ARCore, Android, Swift, node.js, Computer Vision, Google Cloud).
- Leading and coordination of remote developers' team.

University of Illinois at Chicago **2009 – 2017**
Research Assistant – Electronic Visualization Laboratory (advisor: *Andrew Johnson*) Chicago, IL

- Co-invented *SpiderSense* (PCB design, Java, Unity, C++, C#, TCP/IP networking, rapid prototyping, VR), a wearable haptic jacket that assists visually impaired individuals by enhancing navigation. As featured in Forbes, Discovery Channel, Gizmodo and others.
- Developed software for 3D rendering of terrain and maps in a CAVE2 Virtual Reality Environment (Linux, clusters, C++, VR).
- Developed 3D Visualization Software for US Air Force medical researchers (C++, openGL).
- Expedited biology experiment analysis by 800% introducing automatic video processing and tracking for field biologists at Princeton University (C ++, openGL, Computer Vision, Python).
- Invented the *HealthBar* (rapid prototyping, Arduino, Java), an ambient persuasive technology reflecting the health status of an office worker.

Microsoft Research **Summer 2015**
Research Intern (mentor: *Jaron Lanier*) Redmond, WA

- Worked on the HoloLens team developing the largest untethered FOV Mixed Reality Head-Mounted Display (Unity, C#, AR, web sockets, OptiTrack). Research on collocated collaboration in untethered Mixed Reality. Research presented at SIGGRAPH 2015.

Pixar Animation Studios **Summer 2013**
Studio Tools Intern (mentor: *Davide Pesare*) Emeryville, CA

- Worked on the next generation internal scene description and geometry file format (USD). Developed the plugins (python, C++) for commercial software (Maya, Houdini, Mari) to load the in-house file format. Developed plugins were privately demoed to the film industry at SIGGRAPH 2013.

PDI/ DreamWorks Animation
Research and Development Animation Tools Intern (mentor: *Bruce Wilson*) **Summer 2012**
Redwood City, CA

- Upgraded an internal tool for parallelization accelerating the rendering cycle up to 30% (C++, python). Improved the code coverage process, resulting in a hundred-fold speedup. Worked on the next-generation animation tool as part of the core development team (How to Train your Dragon 2).

Researcher
National Technical University of Athens - Research on A/V search algorithms. **2006 – 2009**
Global Digital Technologies – Developed s/w for h/w control systems. **2006 – 2009**
University of Peloponnese – R&D on metropolitan wireless networks. **2004 – 2006**
Greece

GRADUATE STUDENTS SUPERVISED

Colleen Heinemann **2025**
Research Intern at Argonne National Laboratory

Hal Brynteson **2025**
Research Intern at Argonne National Laboratory

Matt Hyatt **2025**
Research Intern at Argonne National Laboratory

Colleen Heinemann **2024**
Research Intern at Argonne National Laboratory

Hal Brynteson **2024**
Research Intern at Argonne National Laboratory

Andres Sewell **2024**
Research Intern at Argonne National Laboratory

Andres Sewell **2023**
Research Intern at Argonne National Laboratory

Qi Wu **2022**
Research Intern at Argonne National Laboratory

Jason Ortiz **2022**
Research Intern at Argonne National Laboratory

Yue Ma **2022**
Research Intern at Argonne National Laboratory

Isaac Nealey **2022**
Research Intern at Argonne National Laboratory

Isaac Nealey **2021**
Research Intern at Argonne National Laboratory

UNDERGRADUATE STUDENTS SUPERVISED

Yassir Atlas **2025**
Research Intern at Argonne National Laboratory

Brian Ta **2025**
Research Intern at Argonne National Laboratory

Aaqel Shaik **2025**
Research Intern at Argonne National Laboratory

Eero Dunham **2025**
Research Intern at Argonne National Laboratory

Athena Angara **2025**
Research Intern at Argonne National Laboratory

Athena Angara **2024**
Research Intern at Argonne National Laboratory

Faith Gabrielle Salinas **2024**
Research Intern at Argonne National Laboratory

Ricky Massa **2024**
Research Intern at Argonne National Laboratory

Abdullah Ali **2024**
Research Intern at Argonne National Laboratory

Aaqel Shaik **2024**
Research Intern at Argonne National Laboratory

James Morrissette **2024**
Research Intern at Argonne National Laboratory

James Morrissette **2023**
Research Intern at Argonne National Laboratory

Anthony Buccaro **2021**
Research Intern at Argonne National Laboratory

Jagrut Patel **2014**
Built high-resolution video streamer for the Scalable Amplified Group Environment (SAGE2)

Panagiotis Karvounis **2009**
Research on using Google Maps on the .NET platform

Constantinos Kolovos **2008**
Research on Database XML Schemas

HIGH-SCHOOL STUDENTS SUPERVISED

Daniel J. Mason Won Golden Medal at State ACT-SO Olympics **2023**
Mechanical Blood Vessel Stress Simulations and Their Connection to Psychological Stress

James Morrissette Won Golden Medal at State and Silver at National level ACT-SO Olympics **2021**
Virtual Reality Physics Laboratory.

MIDDLE-SCHOOL STUDENTS SUPERVISED

John Lembessis **2021**
Learning CS fundamentals.

Glen Poole, Dexter Wells Co-advised with A. Febretti **2014**
Built an augmented virtual sling game for the CAVE2.

Antwan McBee, Andrew Lewis, Joshua Gartley Co-advised with A. Febretti, K. Reda, G. Thomas-Ramos **2013**
Built a Fruit-Ninja like game for the CAVE2.

TEACHING

Instructor – Argonne National Laboratory **2025**
Big Data Camp

Instructor – Argonne National Laboratory **2024**
Big Data Camp

Instructor – Argonne National Laboratory **2023**
Big Data Camp

Instructor – Argonne National Laboratory **2022**
Big Data Camp

Instructor – Argonne National Laboratory **2021**
Big Data Camp

Teaching Assistant – National Technical University of Athens **2006 - 2008**
Internet and Applications
Database Systems

GALLERY/MUSEUM EXHIBITS

Chicago Artists Coalition (CAC) – Chicago, IL, USA **2024**
Augmented Reality experience for *Fleurs de Macadam* exhibition

Museum of Science and Industry – Chicago, IL, USA **2019 - 2020**
Interactive SpiderSense installation at Wired to Wear™ exhibit

PEER-REVIEWED PUBLICATIONS

P35 Marrinan, Thomas, Andres Sewell, **Victor A. Mateevitsi**, Steve Petruzza, Jifu Tan, Dimitrios K. Fytanidis, and Michael E. Papka. "Real-time Scientific Visualization and Interactive Steering for High-Performance Computing Simulations." In *Practice and Experience in Advanced Research Computing 2025: The Power of Collaboration*, pp. 1-4. 2025.

P34 Ahrens, James, Marco Arienti, Utkarsh Ayachit, Janine Bennett, Roba Binyahib, Ayan Biswas, Peer-Timo Bremer et al. "The ECP ALPINE project: In situ and post hoc visualization infrastructure and analysis capabilities for exascale." *The International Journal of High Performance Computing Applications* 39, no. 1 (2025): 32-51.

P33 Sewell, Andres, Dimitrios K. Fytanidis, **Victor A. Mateevitsi**, Cyrus Harrison, Nicole Marsaglia, Thomas Marrinan, Silvio Rizzi, Joseph A. Insley, Michael E. Papka, and Steve Petruzza. "Bridging Gaps in Simulation Analysis through a General Purpose, Bidirectional Steering Interface with Ascent." In *SC24-W: Workshops of the International Conference for High Performance Computing, Networking, Storage and Analysis*, pp. 841-846. IEEE, 2024.

P32 **Mateevitsi, Victor A.,** Andres Sewell, Mathis Bode, Paul Fischer, Jens Henrik Göbbert, Joseph A. Insley, Ioannis Kavroulakis et al. "Visuals on the House: Optimizing HPC Workflows with No-Cost CPU Visualization." In *2024 IEEE 14th Symposium on Large Data Analysis and Visualization (LDAV)*, pp. 69-70. IEEE, 2024.

P31 Heinemann, Colleen, Jefferson Amstutz, Joseph A. Insley, **Victor A. Mateevitsi**, Michael E. Papka, and Silvio Rizzi. "Graphical Representation Through a User Interface for In Situ Scientific Visualization with Ascent." In *2024 IEEE 14th Symposium on Large Data Analysis and Visualization (LDAV)*, pp. 71-72. IEEE, 2024.

P30 Adeniji, Idunnuoluwa A., Joseph A. Insley, David Joiner, **Victor A. Mateevitsi**, Michael E. Papka, and Silvio Rizzi. "Exploring Large-Scale Scientific Data in Virtual Reality." In *2024 IEEE 14th Symposium on Large Data Analysis and Visualization (LDAV)*, pp. 75-76. IEEE, 2024.

P29 Sewell, Andres, Landon Dyken, **Victor A. Mateevitsi**, Will Usher, Jefferson Amstutz, Thomas Marrinan, Khairi Reda et al. "High-quality Approximation of Scientific Data using 3D Gaussian Splatting." In *2024 IEEE 14th Symposium on Large Data Analysis and Visualization (LDAV)*, pp. 73-74. IEEE, 2024.

P28 **Mateevitsi, Victor A.,** Michael E. Papka, and Khairi Reda. "Science in a Blink: Supporting Ensemble Perception in Scalar Fields." In *2024 IEEE Visualization and Visual Analytics (VIS)*, pp. 216-220. IEEE, 2024.

P27 Marrinan, Thomas, **Victor A. Mateevitsi**, Madeleine Moeller, Alina Kanayinkal, and Michael E. Papka. "2023 IEEE Scientific Visualization Contest Winner: VisAnywhere: Developing Multi-platform Scientific Visualization Applications." *IEEE Computer Graphics and Applications* (2024).

P26 Wu, Qi, Joseph A. Insley, **Victor A. Mateevitsi**, Silvio Rizzi, Michael E. Papka, and Kwan-Liu Ma. "Distributed neural representation for reactive in situ visualization." *IEEE Transactions on Visualization and Computer Graphics* (2024).

P25 Martin, A., Liu, G., Ladd, W., Lee, S., Gounley, J., Vetter, J., Patel, S., Rizzi, S., **Mateevitsi, V.**, Insley, J. and Randles, A. (2023, November). Performance Evaluation of Heterogeneous GPU Programming Frameworks for Hemodynamic Simulations. In *Proceedings of the SC'23 Workshops of The International Conference on High Performance Computing, Network, Storage, and Analysis* (pp. 1126-1137).

P24 **V. A. Mateevitsi**, M. Bode, N. Ferrier, P. Fischer, J. H. Göbbert, J. A. Insley, Y. H. Lan, M. Min, M. E. Papka, S. Patel, S. Rizzi, and J. Windgassen. 2023. Scaling Computational Fluid Dynamics: In Situ Visualization of NekRS using SENSEI. In *Workshops of The International Conference on High Performance Computing, Network, Storage, and Analysis (SC-W 2023)*, November 12–17, 2023, Denver, CO, USA. ACM, New York, NY, USA, 6 pages.

P23 Wu, Q., Insley, J. A., **Mateevitsi, V. A.**, Rizzi, S., & Ma, K. L. (2022, October). Distributed Volumetric Neural Representation for in situ Visualization and Analysis. In *2022 IEEE 12th Symposium on Large Data Analysis and Visualization (LDAV)*(pp. 1-2). IEEE.

P22 Tishchenko, N., Ferrier, N., Insley, J. A., **Mateevitsi, V. A.**, Papka, M. E., Rizzi, S., & Tan, J. (2022, October). Toward Bi-directional In Situ Visualization and Analysis of Blood Flow Simulations With Dynamic Deforming Walls. In *2022 IEEE 12th Symposium on Large Data Analysis and Visualization (LDAV)* (pp. 1-2). IEEE.

P21 Ortiz, J. A., Insley, J. A., Knowles, J., **Mateevitsi, V. A.**, Papka, M. E., & Rizzi, S. (2022, October). Massive Data Visualization Techniques for use in Virtual Reality Devices. In *2022 IEEE 12th Symposium on Large Data Analysis and Visualization (LDAV)* (pp. 1-2). IEEE.

P20 Nealey, I., Ferrier, N., Insley, J. A., **Mateevitsi, V. A.**, Rizzi, S., & Schulze, J. (2022, October). Sort-Last In-Transit Data Visualization with SENSEI, Catalyst, and Unreal Engine. In *2022 IEEE 12th Symposium on Large Data Analysis and Visualization (LDAV)* (pp. 1-2). IEEE.

P19 Nealey, I., Ferrier, N., Insley, J., **Mateevitsi, V. A.**, Papka, M. E., & Rizzi, S. (2022, May). Cinema Transfer: A Containerized Visualization Workflow. In *International Conference on High Performance Computing* (pp. 324-343). Cham: Springer International Publishing.

P18 Yang, Q., Papakostas, M., Scott, J. M., O'Neill, E. R., Kondrashov, K. S., **Mateevitsi, V. A.**, ... & Dittberner, A. B. (2022). CheckMyFit: Ear Selfie to Assist User Insertion of Hearing Aids. *Proceedings of the ACM on Human-Computer Interaction*, *6*(MHCI), 1-21.

P17 A. Bucaro, C. Murphy, N. Ferrier, J. Insley, **V. Mateevitisi**, M. E. Papka, S. Rizzi, J. Tan. "Instrumenting Multiphysics Blood Flow Simulation Codes for In Situ Visualization and Analysis." In 2021 IEEE 11th Symposium on Large Data Analysis and Visualization (LDAV), IEEE, 2021.

P16 J. Novak, J. Archer, **V. Mateevitsi**, and S. Jones. "Communication, machines & human augmentics." *Communication+ 1* 1 (2016): 51-35.

P15 J. Lanier, **V. Mateevitsi**, K. Rathinavel, L. Shapira, J. Menke, P. Therien, J. Hudman, G. Speiginer, A. Stevenson Won, A. Banburski, X. Benavides, J. Amores, J. Porras Lurashi and W. Chang. "The RealityMashers: Augmented Reality Wide Field-of-View Optical See-Through Head Mounted Displays." To appear in the 15th IEEE International Symposium on Mixed and Augmented Reality (ISMAR), 2016.

P14 L. Renambot, T. Marrinan, J. Aurisano, A. Nishimoto, **V. Mateevitsi**, K. Bharadwaj, L. Long, A. Johnson, M. Brown, and J. Leigh. "SAGE2: A collaboration portal for scalable resolution displays." *Future Generation Computer Systems* 54 (2016): 296-305.

P13 **V. Mateevitsi**, T. Patel, J. Leigh, and B. Levy. "Reimagining the microscope in the 21st century using the scalable adaptive graphics environment." *Journal of pathology informatics* 6 (2015).

P12 **V. Mateevitsi**, and B. Levy. "Scalable Adaptive Graphics Environment: A Novel Way to View and Manipulate Whole-Slide Images." Analytical Cellular Pathology 2014 (2014)

P11 T. Marrinan, J. Aurisano, A. Nishimoto, K. Bharadwaj, **V. Mateevitsi**, L. Renambot, L. Long, A. Johnson, and J. Leigh, "SAGE2: A New Approach for Data Intensive Collaboration Using Scalable Resolution Shared Displays," In Proceedings of the IEEE International Conference on Collaborative Computing: Networking, Applications and Worksharing, 2014. **Best Paper Award**

P10 A. Febretti, A. Nishimoto, **V. Mateevitsi**, L. Renambot, A. Johnson, and J. Leigh. "Omegalib: A multi-view application framework for hybrid reality display environments." In Virtual Reality (VR), 2014 IEEE, pp. 9-14. IEEE, 2014.

P9 **V. Mateevitsi**, K. Reda, J. Leigh, and A. Johnson. "The health bar: a persuasive ambient display to improve the office worker's well being." In Proceedings of the 5th Augmented Human International Conference, p. 21. ACM, 2014.

P8 M.A. Bassiony, B.J. Vesper, **V.A. Mateevitsi**, K.M. Elseth, M.D. Colvar, K.D. Garcia, J. Leigh, J.A. Radosevich, Immunohistochemical Evaluation of Bleeding Control Induced by Holmium Laser and Biolase Dental Laser As Coagulting Devices of Incisional Wounds, Proceedings of the UIC College of Dentristry Clinic and Research Day 2014, Chicago, IL, March 6, 2014

P7 **V. Mateevitsi**, B. Haggadone, J. Leigh, B. Kunzer, and R.V. Kenyon. "Sensing the environment through SpiderSense." In Proceedings of the 4th Augmented Human International Conference, pp. 51-57. ACM, 2013.

P6 C. Offord, K. Reda, and **V. Mateevitsi**. "Context-dependent navigation in a collectively foraging species of ant, Messor cephalotes." Insectes sociaux 60, no. 3 (2013): 361-368.

P5 K. Reda, **V. Mateevitsi**, and C. Offord. "A human-computer collaborative workflow for the acquisition and analysis of terrestrial insect movement in behavioral field studies." EURASIP Journal on Image and Video Processing 2013, no. 1 (2013): 1-17.

P4 K. Reda, A. Johnson, **V. Mateevitsi**, C. Offord, and J. Leigh. "Scalable visual queries for data exploration on large, high-resolution 3D displays." In High Performance Computing, Networking, Storage and Analysis (SCC), 2012 SC Companion, pp. 196-205. IEEE, 2012.

P3 A. Febretti, **V.A. Mateevitsi**, D. Chau, A. Nishimoto, B. McGinnis, J. Misterka, A. Johnson, and J. Leigh. "The OmegaDesk: towards a hybrid 2D and 3D work desk." In Advances in Visual Computing, pp. 13-23. Springer Berlin Heidelberg, 2011.

P2 G. Doumenis, S. Papastefanos, **V. Mateevitsi**, F. Andritsopoulos, N. Achilleopoulos, and A.V. Mikhalev. "Video index and search services based on content identification features." In Broadband Multimedia Systems and Broadcasting, 2008 IEEE International Symposium on, pp. 1-4. IEEE, 2008.

P1 **V. Mateevitsi**, M. Sfakianos, G. Lepouras, and C. Vassilakis. "A game-engine based virtual museum authoring and presentation system." In Proceedings of the 3rd international conference on Digital Interactive Media in Entertainment and Arts, pp. 451-457. ACM, 2008.

WORKSHOPS AND DEMOS

D1 **V. Mateevitsi**, B. Haggadone, J. Leigh, B. Kunzer, and R.V. Kenyon. "Sensing the environment through SpiderSense." In Proceedings of the 4th Augmented Human International Conference, pp. 51-57. ACM, 2013.

WHITEPAPERS

P4 **V. A. Mateevitsi**, N. Ferrier, J. Insley, J. Knowles, K.-L. Ma, T. Marrinan, M. E. Papka, S. Rizzi, "Novel Display Technologies for Accelerating Scientific Discoveries". In *ASCR Workshop on Visualization for Science*, January 18-20, 2022

P3 E. W. Bethel, B. Loring, O. R¨ubel, G. Weber, N. Ferrier, J. Insley, **V. Mateevitsi**, S. Rizzi, P. O'Leary, U. Ayachit, C. Wetterer-Nelson, E. Duque and B. Whitlock, "Fostering Interoperability and Increasing Scientific Productivity in Environments of Heterogeneous Software and Computational Platforms". In *ASCR Workshop on the Science of Scientific-Software Development and Use*, 2022.

P2 E. W. Bethel, B. Loring, O. R¨ubel, G. Weber, N. Ferrier, J. Insley, **V. Mateevitsi**, S. Rizzi, P. O'Leary, U. Ayachit, C. Wetterer-Nelson, E. Duque and B. Whitlock, "A Well-Designed Interface is a Trojan Horse for New Capabilities in Data Management and Data-intensive Processing". In *ASCR Workshop on the Management and Storage of Scientific Data*, 2022.

P1 E. W. Bethel, B. Loring, O. R¨ubel, G. Weber, N. Ferrier, J. Insley, **V. Mateevitsi**, S. Rizzi, P. O'Leary, U. Ayachit, C. Wetterer-Nelson, E. Duque, and B. Whitlock. Fostering Interoperability and Increasing Scientific Productivity in Environments of Heterogeneous Software and Computational Platforms. In *ASCR Workshop on the Science of Scientific-Software Development and Use*, October 2021.

PROGRAM COMMITTEE, REVIEWER

PC18 Co-Chair, IEEE VIS (2027)
PC17 Workshop committee, Workshop on Bridging Diverse Connections through Mobile Social Networking (2025)
PC16 Program Co-Chair, In Situ AI, Analysis and Visualization (ISAV25) (2025)
PC15 Argonne Training Program on Extreme-Scale Computing (2025)
PC14 Eurographics Symposium on Parallel Graphics and Visualization reviewer (2025)
PC13 Transactions on Visualization and Computer Graphics reviewer (2025)
PC12 Frontiers in Virtual Reality reviewer (2025)
PC11 INCITE 2023 Computational Readiness reviewer (2023)
PC10 Argonne Training Program on Extreme-Scale Computing (2024)
PC9 In Situ Infrastructures for Enabling Extreme-scale Analysis and Visualization (2023)
PC8 IEEE Symposium on Large Data Analysis and Visualization (2023)
PC7 INCITE 2023 Computational Readiness reviewer (2023)
PC6 In Situ Infrastructures for Enabling Extreme-scale Analysis and Visualization (2022)
PC5 IEEE Symposium on Large Data Analysis and Visualization (2022)
PC4 INCITE 2022 Computational Readiness reviewer (2022)
PC3 ChinaVIS 2022 (2022)
PC2 Co-Chair, IEEE VIS 2021 - Chicago Satellite Event (2021)
PC1 INCITE 2021 Computational Readiness reviewer (2021)

PATENTS

P2 Q. Yang, G. B. Olsen, J. T. Schlensker, V. A. Mateevitsi. Application for assisting a hearing device wearer (2019).

P1 J. Lanier, R. Gal, W. Chang, J. A. Porras Luraschi, V. A. Mateevitsi, G. Speiginer and J. Menke. Mixed reality social interaction (2015).

INVITED KEYNOTES, TALKS, PRESENTATIONS, DEMONSTRATIONS

University of Illinois Chicago — **2025**
Guest Lecture: Scientific Visualization and HPC. Chicago, IL. April 8. — 60 attendees

Advanced Scientific Computing Advisory Committee (ASCAC), Department of Energy — **2025**
Early Career Virtual Panel. January 16. — 120 attendees

Khronos ANARI BoF at SC24 — **2024**
Rendering at Warp Speed: OSPray + ANARI on Aurora. Atlanta, GA. November 19. — 50 attendees

Centro Nacional de Alta Tecnología (CNCA) — **2024**
Empowering Simulation Insights: Integrating NekRS with *in situ* Frameworks. Virtual Talk. May 16. — 30 attendees

Argonne National Laboratory — **2024**
Introducing Visualization on Polaris, ALCF Developer. Online Webinar. January 31. — 50 attendees

Argonne National Laboratory — **2023**
Data Analysis and Visualization, Argonne Training Program on Extreme-Scale Computing (ATPESC). St. Charles, IL. August 7. — 75 attendees

University of Illinois at Chicago — **2023**
Guest Lecture: *Paraview Tutorial*, Intro to High Performance Computing. Chicago, IL. Spring 2023. — 25 attendees

Emerge/NEXT — **2020**
Guest Panelist. February 12. — 65 attendees

IEEE BHI-BSN — **2019**
SpiderSense Demo. May 22. — 500 attendees

BIOE Class – University of Illinois at Chicago — **2017**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2017. — 60 attendees

Human Augmentics Class – University of Illinois at Chicago — **2017**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2017. — 60 attendees

TEDx University of Illinois at Chicago — **2016**
Superpowers are for Everyone — 100 attendees

Technori Maker Movement — **2016**
SpiderSense — 500 attendees

Human Augmentics Class – University of Illinois at Chicago — **2016**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2016.

Chicago Inno's Innovation U meetup — **2015**
Guest Speaker. Chicago, IL. February 26. — 60 attendees

Human Augmentics Class – University of Illinois at Chicago — **2015**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2015.

Workshop at the IEEE Engineering in Medicine and Biology Society — **2014**
Recovery Machines. Chicago, IL. August 26. — 115 attendees

Adler Planetarium — **2014**
Superhero Science. Chicago, IL. July 18. — 1,567 attendees

BLUE1647 — **2014**
100 attendees

Panel: *emerge/Next U network Event and Entrepreneurship Mini-Hackathon*. Chicago, IL. July 2.

University of Illinois at Chicago **2014**
An Evening with Legacies and Leaders. Chicago, IL. March 4. 425 attendees

MIT Enterprise Forum **2014**
Panel: *Wearable Technology.* Chicago. IL. January 23. 100 attendees

Human Augmentics Class – University of Illinois at Chicago **2014**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2014.

Chicago Public Library Innovation Lab Program **2013**
Presentation and Demonstration: *SpiderSense*. Chicago, IL. September 24. 10 attendees

Augmented Reality Chicago Meetup **2013**
Presentation and Demonstration: *SpiderSense.* Chicago, IL. July 29. 30 attendees

Augmented World Expo **2013**
Presentation and Demonstration: *SpiderSense.* Santa Clara, CA. June 4. 1,100 attendees

Processing Chicago Meeting – University of Illinois at Chicago **2013**
Guest Lecture: *openFrameworks.* Chicago, IL. April 2. 20 attendees

E2 Sense Defense Science Research Council **2013**
Electronically Enhanced Sensing Workshop. Presentation and Demonstration: *SpiderSense.* Arlington, VA. March 28. 40 attendees

Human Augmentics Class – University of Illinois at Chicago **2013**
Guest Lecture: *SpiderSense.* Chicago, IL. Spring 2013.

Processing Chicago Meeting – University of Illinois at Chicago **2012**
Guest Lecture: *DIY variable voltage power supply*. Chicago, IL. February 6. 20 attendees

KEYNOTES, TALKS, PRESENTATIONS, DEMONSTRATIONS

IEEE LDAV 2021 **2021**
Early Career Research Talk (October 25)

DOECGF21 **2021**
Early Career Research Talk (April 28)

PROFESSIONAL ACTIVITIES

Chair of IEEE VIS 2021 Chicago Satellite Event. Chicago, IL, USA.
Founding member and Chair of ChicagoCHI, an ACM SIGCHI Local Chapter. Chicago, IL, USA.
Founding member of the ACM Student Chapter, University of Peloponnese. Tripolis, Greece.
Founding member of the Tripolis Wireless Network. Tripolis, Greece.

SELECTED PRESS

Books

National Geographic Kids - Weird But True! Ripped from the Headlines: Set your "Spidey Sense" tingling. page 56. National Geographic Children's Books. ISBN: 978-1-4263-1514-5 **2014**

Magazines, Newspapers

UIC News: Student's SpiderSense featured on Discovery Science (Vol. 35, No. 20, February 10) **2016**

How It Works: Get your SpiderSense tingling (Issue 72, April) **2015**
CAP Today: Software expands on 'what you see is what you get (Vol. 28, No 11, November) **2014**
Crain's Chicago Business: 20 in their 20s (Vol. 37, No. 18, May 5) **2014**
UIC News: EVL's SpiderSense suit grabs attention of National Geographic (Vol. 34, No. 6, October 1) **2014**
UIC News: Seeing future of technology in test of Google Glass (Vol. 33, No. 20, February 12) **2014**
UIC News: Virtual reality apprenticeships. Cover page (Cover page, Vol 32, No. 13, November 20) **2013**
UIC News: Technology's faces of the future. Cover page (Vol.32, No. 12, November 12) **2013**
Popular Mechanics (ZAF): Take 'em on, Spidey! (Vol. 11, No. 9, April) **2013**
UIC News: With student invention, not seeing is believing (Cover page, Vol. 31, No. 27, April 10) **2013**
New Scientist: Virtual Reality creates infinite maze in a single room (Vol. 217, No. 2911, April 06)
Stuttgarter Zeitung (DE): Technik fur die Sinne (No. 58, March 9) **2013**
UIC News: Quotable (Vol.31, No. 22, February 27) **2013**
New Scientist: Spidey-Sense Suit Tingles When Someone Gets Too Close (Vol. 217, No. 2905, February 23) **2013**

Web

HPCwire: Argonne Aurora Walk About Video (February 27) **2024**
Sustainable Horizons Institute: The Lasting Impact of Early Opportunities (September 11) **2023**
ANL News: High school students working with Argonne and Fermilab qualify for the NAACP Olympics (September 11) **2023**
ANL News: Diversifying Argonne's high performance computing workforce (February 27) **2023**
ANL News: Argonne-mentored students take home gold in STEM Olympics (August 11) **2021**
SPACE.com: Can artificial intelligence help scientists spot gravitational waves? (July 15) **2021**
Illinois News Live: Scientists use artificial intelligence to detect gravitational waves (July 12) **2021**
SciTechDaily: Scientists Use Artificial Intelligence to Detect Gravitational Waves – Orders of Magnitude Faster (July 9) **2021**
HPCwire: Supercomputers Power AI-Enabled Detection of Gravitational Waves (July 7) **2021**
EurekAlert!: Scientists use artificial intelligence to detect gravitational waves (July 7) **2021**
Hyde Park Herald: Wired to Wear exhibit (March 27) **2019**
Chicago Sun Times: Real-life Iron Man opens Museum of Science and Industry 'Wired to Wear' exhibit - Chicago Sun-Times (March 21) **2019**
PR Newswire: First-Ever Exhibit Dedicated To The Future Of Wearable Technology Opens At Chicago's Museum Of Science And Industry (March 21) **2019**
Crain's Chicago Business: Museum of Science & Industry opening first-ever wearable fashion exhibit (March 21) **2019**
UIC News: UIC alumnus Victor Mateevitsi's SpiderSense jacket included in MSI's Wired to Wear™ exhibition (March 14) **2019**
Built in Chicago: Forget Fitbit: these 8 Chicago companies are taking wearables to the next level. **2016**
Chicago Inno: The University of Illinois at Chicago Entrepreneurs to Know **2016**
Chicago Tribune: Can a Spider-Man-inspired jacket help the blind get around Chicago? (March 23) **2016**
UIC News: Student's SpiderSense featured on Discovery Science (February 9) **2016**

Chicago Inno: SpiderSense Helps the Blind See, and Caught the Eye of All-American Makers (February 3) **2016**

CNET: Microsoft lab working on multiperson augmented reality (October 13) **2015**

MIT Technology Review: Microsoft Researchers Are Working on Multi-Person Virtual Reality (October 11) **2015**

ChicagoInno: Innovation U: Celebrating the City's Entrepreneurial Pipeline [Event Recap] (February 27) **2015**

UIC News: And the Oscar goes to … Larry Hornbeck (February 19) **2015**

ChicagoInno: Innovation U: Introducing Chicago Inno's Next Meetup, Presented by the CIE (February 17) **2015**

CAP Today: Software expands on 'what you see is what you get (November 17) **2014**

ChicagoInno: Are Your Spidey Senses Tingling? This Wearable Tech Lets You Sense When Obstacles Are Near (October 8) **2014**

UIC News: EVL's SpiderSense suit grabs National Geographic's attention (October 6) **2014**

The Biz Loft Magazine (IT): *SpiderSense*: una giacca dai super poteri (May 6) **2014**

Crain's Chicago Business: 20 in their 20s (May 4) **2014**

UIC News: Seeing future of technology in Google Glass (February 11) **2014**

NewsMonkey (BE): Deze science fictions werden realiteit in 2013 (January 3) **2014**

BuzzFeed: 21 Science Fictions That Became Science Facts In 2013 (December 3) **2013**

UIC News: Middle-school kids create a virtual future in 3-D (November 19) **2013**

UIC News: Computer science students among 'Fifty for Future' (November 12) **2013**

New Scientist: Colour-changing clothes could make tech fashionable (September 19) **2013**

Deadline: Academy Science and Technology Council Names 2013 Interns (June 19) **2013**

New Scientist: Virtual reality display lets fire crews see in blaze (June 18) **2013**

UIC News: UIC computer science student interns at Pixar (April 17) **2013**

Sohu.com (PRC): 虚拟现实技术将实现有限空间创建“无限迷宫” (April 12) **2013**

UIC News: With student invention, not seeing is believing (April 9) **2013**

New Scientist: Virtual reality creates infinite maze in a single room (April 5) **2013**

The Globe and Mail (CA): Scientists (finally) build Spider-Man suit with 'SpiderSense' (March 24) **2013**

ACM Tech News: Superhero Science: UIC Students Build 'SpiderSense' Suit (March 18) **2013**

Medill Reports Chicago: Superhero Science: UIC students build 'SpiderSense' suit (March 13) **2013**

Gizmag: SpiderSense suit delivers superhuman perception (March 11) **2013**

An ninh Thủ đô (VN): Quân đội Mỹ sẽ phát triển trang phục "Giác quan thứ sáu"? (March 4) **2013**

Examiner.com: This suit could have soldiers saying "my spider sense is tingling" (March 3) **2013**

Engineering.com: SpiderSense: a Suit That Gives Man a 'Spider Sense' (March 1) **2013**

Stuttgarter Zeitung (DE): Technik für die Sinne (March 10) **2013**

Defense Tech: Researcher develops Spidey-sense suit (February 28) **2013**

Europa Press (ES): Un traje permite recrear el sentido arácnido de Spider-Man (February 28) **2013**

CNET: Feel like Spidey in a real-life spider-sense suit (February 27) **2013**

UIC News: Quotable (February 27) **2013**

Europa Press (ES): Científicos elaboran un traje que recrea el 'sentido arácnido' (February 27) **2013**

WP Facet (PL): Sztuczny "zmysł pająka" (February 27) **2013**

Wired Magazine: Spider-Man Physics: How Real Is the Superhero? (February 26) **2013**

Mother Nature Network: High-tech Spider-Man suit gives you real-life 'spidey sense' (February 26) **2013**

Digital Trends: We can all be Peter Parker: New suit gives wearer 'SpiderSense' (February 25) **2013**

Bright.nl (NL): SpiderSense-pak laat je je omgeving voelen (February 25) **2013**

Star.gr (GR): Απόκτησε τις υπερδυνάμεις του Spiderman… φορώντας τη στολή του (February 25) **2013**

New York Daily News: Scientists create 'Spider-Man' suit that gives wearers superhero's 'spider sense' (February 24) **2013**

Gizmodo (FR): Enfin une vraie combinaison de super-héros (February 24) **2013**

Gizmodo (DE): Kräfte wie Spider-Man: Ganzkörperanzug verleiht Spinnen (February 24) **2013**

Gizmodo (AU): You Can Be A Real Superhero With This Spider-Sense Robot Suit (February 24) **2013**

Gazzetta.gr (GR): Η στολή του Spiderman που σε κάνει... spiderman! (February 24) **2013**

Forbes: This Suit Gives You A Real Life Spider-Sense (February 23) **2013**

The Verge: SpiderSense ultrasound suit gives wearers a sixth sense (February 23) **2013**

Gizmodo: You Can Be a Real Superhero With This Crazy Spider-Sense Robot Suit (February 23) **2013**

Engadget: SpiderSense ultrasonic radar suit lets you know when danger is near (February 23) **2013**

Engadget (DE): Sensoranzug SpiderSense verleiht Radar-Wahrnehmung, könnte Radfahrern zugute kommen (February 23) **2013**

TechnoBuffalo: Amazing SpiderSense Suit Lets You "Feel" Nearby Objects (February 23) **2013**

Phys.org: Wearable display meets blindfold test for sensing danger (February 23) **2013**

Adevarul (RO): Un nou pas spre omul bionic: costumul care ne transformă în omul păianjen (February 23) **2013**

Haberler.com (TR): Örümcek Hisleri Gerçek Oluyor (February 23) **2013**

Mashable: Body Suit Gives You Real-Life 'Spider Sense (February 22) **2013**

The Mary Sue: Grad Student Creates His Own Working Spider-Man Suit (February 22) **2013**

Daily Mail (UK): The suit that gives you 'Spidey Sense' just like Spider-Man by tingling when there is impeding danger (February 22) **2013**

New Scientist: Spidey-Sense Suit Tingles When Someone Gets Too Close (February 22) **2013**

Discovery News: Body Suit Gives You Real-Life Spidey-Sense (February 22) **2013**

Medill Reports Chicago: Chicago computer scientists develop tools to help ecologists in Kenya (February 15) **2012**

Medill Reports Chicago: Chicago virtual reality lab home to futuristic health class (February 14) **2012**

Television, Radio, Podcast, Videos

Argonne National Laboratory: Aurora Supercomputer: All-Access (February 13) **2024**

DR2 (Danish Broadcasting Corporation): Simons Superkræfter: Supersanser. Season 1, Episode 4 (December 20) **2018**

Blind Hour Podcast: w/Victor Mateevitsi (spider-sense.com) Episode 50 (May 11) **2016**

Tastytrade: Bootstrapping in America (March 31) **2016**

Science Channel: All-American Makers Season 2 Episode 9 (February 3) **2016**

ABC7 Eyewitness News: High Tech Tools Used To Fight Crime. Andrew Johnson talks about SpiderSense (September 7) **2014**

Fox 32 News: Interview about "Wearable Technology" at the MIT Enterprise Forum (January 24) **2014**

NewsTalk 770AM Radio (Calgary, Canada): The Rutherford Show. Interview about SpiderSense (April 2) **2013**

CBC Radio (Canada): Eyeopener. Interview about SpiderSense (March 28) **2013**

Discovery Channel: The Daily Planet Show. Demoed SpiderSense (March 14) **2013**
RuptlyTV: Germany: Spider Sense augmentation lets you react like Spiderman (March 7) **2013**
popCultured:Spidey Sense Suit To Make You Like Spiderman? (March 4) **2013**
ABC Australia: Gamer News **2013**

EXTRACURRICULAR ACTIVITIES

Sail Chicago - Boat Manager for a Colgate 26 boat **2011 - 2012**
Chicago Yacht Club – Member of Rhodes 19 racing team **2010 - 2012**
Greek National Ice Hockey Team. World Championships Division III. New Zealand **2009**
Greek National Ice Hockey Team. World Championships Division III. Luxembourg **2008**
National Speed Skating Champion. Athens, Greece **2001**
"Cho Dan Bo" belt in Tang Soo Do

VOLUNTEER WORK

ACT-SO Mentor **2020 - 2023**
Apprenticeship mentor with SPARK **2013 - 2014**

LANGUAGES

Greek, Romanian, English, German