

Monica Vişan

PERSONAL INFORMATION:

Born: August 5, 1979, in Drobeta-Tr-Severin, Romania
Citizenship: Romanian and U.S.A.
Address: 520 Portola Plaza, Math Sciences Building 6363, Los Angeles, CA 90095, U.S.A.
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EDUCATION AND EMPLOYMENT:

2014– Professor at UCLA.
2011–2014 Associate Professor at UCLA.
2010–2011 Harrington Faculty Fellow at UT Austin.
2009–2011 Assistant Professor at UCLA.
2008–2009 Assistant Professor at the University of Chicago.
2006–2008 Member of the Institute for Advanced Study, Princeton.
2006 Ph.D. in Mathematics, UCLA. Advisor: Terence Tao.
2002 B.A. in Mathematics, University of Bucharest, Romania.

RESEARCH INTERESTS:

Nonlinear partial differential equations, harmonic analysis, Hamiltonian systems with stochastic initial data, completely integrable systems.

HONORS, PRIZES, AND AWARDS:

2021 Research Fellow at ICERM.
2020 Best Article Accepted and Published in SIMA.
2019 Honorable mention for the UCLA Division of Physical Sciences Outstanding Discovery Award.
2019 Sorgenfrey Distinguished Teaching Award.
2016 Visiting Researcher, Institut des Hautes Études Scientifiques, Paris.
2015 Research Professorship, MSRI.
2010 Kavli Fellow.
2010 Alfred P. Sloan Research Fellowship.
2006 Clay Liffoff Fellowship.
2003 Horn-Moez Prize for Excellence in First-Year Graduate Studies (UCLA).
2002–2006 Pauly Fellowship (UCLA).
2002 Dean’s Award for Excellence (Univ. Bucharest).
1999–2000 Erasmus Fellowship awarded by the University Tor Vergata, Rome.
1998–2002 Honors Fellowship (Univ. Bucharest).
1998 Award for Excellence (Trajan College).

GRANTS:

2021 NSF grant DMS-2054194.
 2018 NSF grant DMS-1763074.
 2015 NSF grant DMS-1500707.
 2012 NSF grant DMS-1161396.
 2010 Alfred P. Sloan Research Fellowship.
 2009 NSF grant DMS-0901166.

SELECTED ADDRESSES:

- Plenary speaker, the 18th Prairie Analysis Seminar, University of Kansas in Lawrence, 2022.
- Plenary speaker, Workshop on Nonlinear Dispersive Wave Equations, Peking University, 2022.
- Invited speaker, Probability, Analysis and Dynamics Conference, Bristol, U.K., 2022.
- Seminar in the Analysis and Methods of PDE, 2021.
- Lecture series, Peking University, 2021.
- Invited speaker, Institute of Applied Physics and Computational Mathematics, Beijing, China, 2021.
- Hausdorff Colloquium, Bonn, Germany, 2019.
- Bielefeld Colloquium, Germany, 2019.
- Plenary lecture, RIMS Workshop on Harmonic Analysis and Nonlinear Partial Differential Equations, Kyoto University, Japan, 2018.
- Lecture series, Institute of Applied Physics and Computational Mathematics, Beijing, China, 2018.
- Plenary lecture, Second Northeastern Analysis Meeting, Albany, NY, 2017.
- Lecture series, Summer Northwestern Analysis Program organized at Northwestern University, Chicago, 2017.
- Plenary lecture, Sixth Ohio River Analysis Meeting, University of Kentucky, Lexington, 2016.
- Lecture series, the 14th New Mexico Analysis Seminar, New Mexico State University, Las Cruces, 2015.
- Women Advancing Arizona Mathematics, Colloquium, University of Arizona, Tucson, 2014.
- Lecture series, Oberwolfach Seminar on Dispersive Equations, Oberwolfach, Germany, October 2012.
- Plenary lecture, Young Mathematicians Conference, Ohio State University, Columbus, 2011.
- Plenary lecture, AMS Fall Western Section Meeting, University of Utah, Salt Lake City, 2011.
- Lecture series, Peking University, Beijing, China, 2008.
- Lecture series, Clay Mathematics Institute Summer School on Evolution Equations, Zürich, Switzerland, 2008.
- Lecture at the Riviere–Fabes Symposium, University of Minnesota, 2008.

- Plenary lecture at the 59th Midwest Partial Differential Equations Seminar, University of Kentucky, Lexington, 2007.
- Lecture series, Kyoto University, Kyoto, Japan, 2007.

CONFERENCES AND SUMMER SCHOOLS CO-ORGANIZED:

- Workshop on Nonlinear Dispersive Wave Equations, August 2022. Co-organized with Z. Guo, R. Killip, and B. Wang.
- Conference on Nonlinear Waves and Dispersive Equations, Oberwolfach, Germany, June 2022. Co-organized with H. Koch, P. Raphael, and D. Tataru.
- Hamiltonian Methods and Asymptotic Dynamics, ICERM, December 2021. Co-organized with A. Ionescu, K. Nakanishi, and Y. Martel.
- Conference on Nonlinear Waves and Dispersive Equations, Oberwolfach, Germany, June 2017. Co-organized with H. Koch, P. Raphael, and D. Tataru.
- Participating School in Analysis and PDE, Korea, July 2015. Co-organized with R. Killip and S. Kwon.
- Special Session on “Nonlinear Dispersive Equations”, AMS–RMS Joint International Meeting, Alba Iulia, Romania, June 2013. Co-organized with D. Tataru.
- Southern California Analysis and PDE Conference, UCLA, March 2013.
- Oberwolfach Seminar on Dispersive Equations, Oberwolfach, Germany, Oct. 2012. Co-organized with H. Koch and D. Tataru.
- Special Session on “Harmonic Analysis and Dispersive PDE”, AMS Western Section Meeting, University of Utah, Salt Lake City, October 2011. Co-organized with B. Stovall and X. Zhang.
- Harrington Symposium, UT Austin, April 2011.
- Southern California Analysis and PDE Conference, UCLA, Nov. 2010.

PROFESSIONAL SERVICE

- Editor for the Proceedings of the London Mathematical Society, 2021–2025.
- Editor for the Transactions of the American Mathematical Society, 2018–2026.
- Editor for the Memoirs of the American Mathematical Society, 2018–2026.
- Member of the AMS–Simons Travel Grants Committee, 2014–2017.
- Advisory Board, Young Mathematicians Conference.
- Reviewer for the Austrian Science Fund and the National Science Foundation.

GRADUATE STUDENTS:

- Jason Murphy (PhD 2014)
- Casey Jao (PhD 2016)
- Adam Azzam (PhD 2017)
- Yunfeng Zhang (PhD 2018)
- Maria Ntekoume (PhD 2020)
- Gyu Eun Lee (PhD 2021)
- Blaine Talbut (PhD 2021)
- Itai Bar-Natan (PhD candidate)

- Thierry Laurens (PhD candidate)

POSTDOCTORAL SCHOLARS:

- Zhimeng Ouyang (2021–2022)
- Andreia Chapouto (2021–2024)
- Justin Forlano (2020–2023)
- Benjamin Harrop-Griffiths (2018–2022)
- Yannis Angelopoulos (2016–2018)
- Yu Zhang (2014–2016)
- Betsy Stovall (2009–2012)