

# Dr. Jeyashree KRISHNAN

[LinkedIn](#)[Github](#)[Google Scholar](#)[ORCID](#)[Personal Website](#)

## PERSONAL DATA

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EMAIL: [jeyashree.krishnan@rwth-aachen.de](mailto:jeyashree.krishnan@rwth-aachen.de)  
PERSONAL WEBSITE: <https://www.jeyashreekrishnan.com/>  
LAST UPDATED: May 2026

## CURRENT POSITION

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- Senior Machine Learning Scientist at Siemens AG, Germany
- Apart Research Fellow, Apart Research
- Visiting Research Scientist, Center for Computational Life Sciences, RWTH Aachen University, Germany
- Mentor at several Technical AI Safety Programs including Safe AI Germany (SAIGE), PRISM and Algoverse
- Incoming Lecturer for Masters in Applied Data Science at the Frankfurt School for Finance and Management

## RESEARCH INTERESTS

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Computational Systems Biology, Machine Learning, Technical AI Safety

## EDUCATION

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| 2019 | Doctorate in Mechanical Engineering (dr. rer. nat.)<br>Faculty of Mechanical Engineering, RWTH Aachen University<br>Aachen, Germany<br>Aachen Institute for Advanced Study in Computational Engineering Science (AICES) and Joint Research Center for Computational Biomedicine (JRC-Combine)<br><i>Thesis: Modeling and Simulation of Complex Networks in Systems Biology</i><br>ADVISED BY: PROF. ANDREAS SCHUPPERT, PROF. CARSTEN HONERKAMP<br>DR. EDOARDO DI NAPOLI                            |
| 2014 | Masters in Simulation Sciences (m. sc.)<br>Faculty of Mechanical Engineering, RWTH Aachen University<br>Aachen, Germany<br>AICES Fast-Track Doctoral Program<br>German Research School for Simulation Sciences (GRS)<br><i>Thesis: Detection of threshold crossings in Leaky Integrate-and-Fire neuron with <math>\alpha</math>-shaped Post-Synaptic Currents in time-driven simulations</i><br>ADVISED BY: PROF. MARKUS DIESMANN, DR. EDOARDO DI NAPOLI<br>Coursework Advisor: Prof. Ahmed Ismail |
| 2012 | Bachelors in Biotechnology (b. tech.)<br>Department of Biotechnology, Anna University<br>Chennai, India<br><i>Thesis: Mathematical Modeling of Stem Cell Bioreactors</i>   |

## PROFESSIONAL EXPERIENCE

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05/2025 – Current	Senior Machine Learning Scientist Corporate IT, Erlangen, Germany SIEMENS AG
01/2026 – Current	Apart Research Fellow APART RESEARCH
04/2026 – Current	Mentor, Technical AI Safety SAFE AI GERMANY (SAIGE), PRISM, ALGOVERSE PROGRAMS
07/2022 – 04/2025	Data Science Consultant, Advanced Analytics Group Siemens Advanta Consulting, Munich, Germany SIEMENS AG
01/2024 – Current	Visiting Researcher RWTH Aachen, Aachen, Germany CENTER FOR COMPUTATIONAL LIFE SCIENCES (CCLS)
01/2020 – 06/2022	Postdoctoral Researcher RWTH Aachen University, Aachen, Germany JOINT RESEARCH CENTER FOR COMPUTATIONAL BIOMEDICINE (JRC-COMBINE) <i>Computational Analysis of Neurodegenerative Diseases, Neuronode Project</i>
03/2020 – 04/2020	Visiting Researcher Utrecht University, Utrecht, The Netherlands Center for Complex Systems Studies (CCSS)
03/2015 – 12/2019	Doctoral Researcher RWTH Aachen University, Aachen, Germany AACHEN INSTITUTE FOR ADVANCED STUDY IN COMPUTATIONAL ENGINEERING SCIENCE (AICES) and Joint Research Center for Computational Biomedicine (JRC-Combine)
03/2019 – 05/2019	Visiting Researcher McGill University, Montreal, Canada Douglas Research Center/ Montreal Neurological Institute and Hospital
03/2015 – 02/2017	Research Assistant Jülich Research Center, Jülich, Germany INSTITUTE OF NEUROSCIENCE AND MEDICINE (INM)-6 AND INSTITUTE FOR ADVANCED SIMULATION (IAS)-6
04/2014 – 10/2014	Master Thesis Student Jülich Research Center, Jülich, Germany INSTITUTE OF NEUROSCIENCE AND MEDICINE (INM)-6 AND INSTITUTE FOR ADVANCED SIMULATION (IAS)-6

09/2013 – 10/2013	Student Assistant RWTH Aachen University, Aachen, Germany AACHEN INSTITUTE FOR ADVANCED STUDY IN COMPUTATIONAL ENGINEERING SCIENCE
04/2013 – 04/2014	Student Assistant Jülich Research Center, Jülich, Germany INSTITUTE OF NEUROSCIENCE AND MEDICINE (INM)-6 AND INSTITUTE FOR ADVANCED SIMULATION (IAS)-6
11/2011 – 05/2012	Bachelor Thesis Student Indian Institute of Technology, Bombay, India DEPARTMENT OF CHEMICAL ENGINEERING
04/2010 – 06/2010	Student Intern Jawaharlal Nehru Medical College and Hospital, Ajmer, India

## TECHNICAL SKILLS

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Environments:	MacOS, Linux
Languages:	C , C++, Python, MPI/OpenMP, R, $\LaTeX$
Applications:	Git , MATLAB, Webdev, Mathematica
Agentic Workflows:	Claude Code, Codex, Cursor, Copilot

## PUBLICATIONS

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1. Machine Learning Research Has Outpaced Its Communication Norms and NeurIPS Should Act, A. Rangarajan, **Krishnan J.**, arXiv preprint arXiv:2605.08889, in preparation for submission (2026)
2. Adversarial Genomic Sequences Could Evade Biosecurity Screening, **Krishnan J.**, A. Rangarajan, A. Loehr, J. Hoelscher-Obermaier. Forthcoming published in Cyberbiosecurity Quarterly (2026).
3. Adversarial Genomic Sequences Could Evade Biosecurity Screening, **Krishnan J.**, A. Rangarajan, A. Loehr, J. Hoelscher-Obermaier, MLGenX Workshop, ICLR 2026 Workshop on Machine Learning for Genomics Explorations
4. Tree-Based Learning on Amperometric Time Series Data Demonstrates High Accuracy for Classification, **Krishnan J.**, Lian Z., Oomen P., He X., Majdi S., Ewing A., Schuppert A., Journal of Data Science and Analytics (2024)
5. Spike-by-Spike Frequency Analysis of Amperometry Traces Provides Statistical Validation of Observations in the Time Domain, **Krishnan J.**, Lian Z., Oomen P., He X., Majdi S., Ewing A., Schuppert A., Nature Scientific Reports 14 (1), 25142 (2024)
6. FOXG1 dose tunes cell proliferation dynamics in human forebrain progenitor cells, Hettige N., Peng H., Wu H., Zhang X., Yerko V., Zhang Y., Jefri M., Soubannier V., Maussion G., Alsuwaidi S., Ni A., de Souza C. R., **Krishnan J.**, McCarty V., Antonyan L., Schuppert A., Turecki G., Fon E.A., Durcan T.M., Ernst C., Stem Cell Reports, Volume 17, Issue 3, Pages 475-488 (2022)
7. A Modified Ising Model of Barabási-Albert Network with Gene-type Spins, **Krishnan J.**, Torabi R., Di Napoli E., Schuppert A., Journal of Mathematical Biology, 81(3), 769-798 (2020), doi: 10.1007/s00285-020-01518-6

8. A Long-Range Ising Model of a Barabási-Albert Network, **Krishnan J.**, Torabi R., Di Napoli E., Honerkamp C., Schuppert A., arXiv:2005.05045
9. M. Jefri, S. Bell, H. Peng, G. Maussion, V. Soubannier, H. Wu, H. Silveira, J.-F. Theroux, **Krishnan J.**, O’Leary L.-A., Zhang X., Zhang Y., Moquin L., Gratton A., Schuppert A., Durcan T.-M., Fon E.-A., Ernst C. , Stimulation of L-type calcium channels increases tyrosine hydroxylase and dopamine content in ventral midbrain cells derived from human skin, *Stem Cells Transl Med.* 2020;9:697–712.
10. Metastable Regimes and Tipping Points of Biochemical Networks with Potential Applications in Precision Medicine, Samal S.S., **Krishnan J.**, Esfahani A.H., Lüders C., Weber A., Radulescu O. (2019) In: Lio P., Zuliani P. (eds) *Automated Reasoning for Systems Biology and Medicine*. Computational Biology, vol 30. Springer, Cham.
11. Perfect detection of spikes in the Linear Sub-threshold Dynamics of Point Neurons, **Krishnan J.**, Porta Mana P., Helias M., Diesmann M. and Di Napoli E., (2018), *Front. Neuroinform.* 11:75.
12. Extracts of Ocimum on Imipenem Resistant Gram Negative Bacteria, Rastogi V., Vijay C., **Krishnan J.**, Nirwan P. S., (2015), *J. Microbio. and Parasitology*.

## WHITEPAPERS, INDUSTRY PORTFOLIOS AND BLOGS

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1. Several Siemens Internal Developer Blogs on Building MCP Server for TSFMs (2026), in collaboration with Catarina Filipe, Giovanni Scilio, Fabian Tinkl-Henninghausen, Industry Portfolio.
2. Enhancing Genomic Foundation Model Robustness through Iterative Black-Box Adversarial Training (2025, November), LessWrong Blog, Apart Research
3. Generative AI in healthcare (2024, February), Industry Portfolio, in collaboration with Sebastian Herrmann, Leander Fortmann and Stefan Kneip.
4. AI is transforming healthcare (2023, August), Whitepaper, in collaboration with Sebastian Herrmann, Jerome Panoff, Ulli Waltinger and Stefan Kneip.

## CONFERENCE PRESENTATIONS AND INVITED TALKS

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1. **J. Krishnan**, Cyberbio Workshop at the 47th IEEE Symposium on Security and Privacy Workshops (2026, May), San Francisco, USA, Plenary Talk, Adversarial Robustness of Genomic Foundation Models, co-presented with Ajay Mandyam Rangarajan, Best Paper Runner-up award
2. **J. Krishnan**, Technical AI Safety Conference Oxford (2026, April), Poster, Adversarial Robustness of Genomic Foundation Models, co-presented with Ajay Mandyam Rangarajan
3. **J. Krishnan**, Bytemal 2026 (2026, April), Aachen, Germany, Talk, Industry Speaker Session: Transitioning from Academia to Industry
4. **J. Krishnan**, C. Filipe, PyCon DE & PyData (2026, April), Darmstadt, Germany, Talk, Time Series Foundation Models, co-presented with Catarina Filipe
5. **J. Krishnan**, PyCon DE & PyData (2026, April), Darmstadt, Germany, Talk, Surviving AI Fatigue, co-presented with Ajay Rangarajan
6. **J. Krishnan**, Siemens XTC Conference (2026, March), Fuerth, Germany, Demo, co-presented with Catarina Filipe, slides available on request
7. **J. Krishnan**, Frankfurt School of Finance and Management (2025, October), Frankfurt, Germany, Invited Guest Lecture, on planning and managing your ML career

8. **J. Krishnan**, EmpowerHer, Siemens AG (2025, October), Talk, on how to build your own tech portfolio Building What the Future Needs , Berlin, Germany, September 2025, Talk, on ML Product Management
9. **J. Krishnan**, Siemens EmpowerHer Career Talk Series (2024, November), Invited Talk for Women in STEM, Online
10. **J. Krishnan**, Next Pharma Summit (2024, October), Keynote Talk on Cloud Services in Pharma, Vienna, Austria,
11. **J. Krishnan**, Frankfurt School of Finance and Management (2024, September), Invited Guest Lecture on Time Series Analysis, Frankfurt, Germany
12. **J. Krishnan**, Siemens IoT Conference (2024, February), Internal Talk on Public Key Infrastructure Services, Fürth, Germany.
13. **J. Krishnan**, R. Torabi, C. Honerkamp, E. Di Napoli, A. Schuppert (2020, March). A Long-Range Ising Model of a Barabási-Albert Network. Invited Talk presented at the Mathematics Institute, Utrecht University.
14. **J. Krishnan**, R. Torabi, C. Honerkamp, E. Di Napoli, A. Schuppert (2019, October). A Statistical Mechanics Perspective of Phase Transitions in Lattices, Cliques and Scale-Free Networks. Talk presented at the Conference for Complex Systems 2019, Singapore.
15. **J. Krishnan**, A. Schuppert (2019, May). Spectrum Analysis of Calcium Oscillations in FOX-G1 Mutated Cells. Talk presented at Neuronode Annual Meeting, Guildford, UK.
16. **J. Krishnan**, R. Torabi, E. Di Napoli, A. Schuppert (2019, February). Organized Minisymposia on *Integrated Mathematical and Computational Approaches to Interface Models and Data in Systems Biomedicine* and presented a talk on Statistical Mechanics Perspective of Phase Transitions in Living Systems. SIAM Computational Science and Engineering (CSE)'19 Conference, Spokane, Washington, USA.
17. **J. Krishnan**, R. Torabi, A. Schuppert, E. Di Napoli (2018, June). Towards an Ising Model of Genetic Networks for Disease Modeling. Poster presented at the Systems Biology of Human Diseases (SBHD) 2018, Los Angeles, USA.
18. **J. Krishnan**, A. Schuppert, E. Di Napoli (2017, September). Simulation of phase transitions in gene-gene interaction networks. Talk presented at the Conference on Complex Systems 2017, Cancun, Mexico.
19. **J. Krishnan**, A. Schuppert, E. Di Napoli (2017, July). Simulation of phase transitions in scale-free networks. Talk presented at the SIAM Annual Meeting 2017, David Lawrence Convention Center, Pittsburgh, Pennsylvania, USA.
20. S. Samal, **J. Krishnan**, C. Lüders, A. Schuppert, M. Brehme, A. Weber, O. Radulescu (2017, July). Sensitive Parameters and Tipping Points of Biochemical Networks needed in Precision Medicine. Poster presented at the Systems Biology of Human Disease (SBHD) Conference 2017, Heidelberg, Germany.
21. **J. Krishnan**, A. Schuppert, E. Di Napoli (2017, June). A simulator for phase transitions in Ising models of scale-free networks. Poster presented at the VII GEFENOL Summer School on Statistical Physics of Complex Systems, IFISC, Palma de Mallorca, Spain.
22. P.G.L. Porta Mana, **J. Krishnan**, M. Helias, M. Diesmann, E. Di Napoli (2016, December). Efficient Implementation of Continuous-time Spiking Neuron Models. Poster presented at the IAS Symposium, Jülich, Germany.
23. **J. Krishnan**, P.G.L. Porta Mana, M. Helias, M. Diesmann, E. Di Napoli (2016, September). Perfect detection of spikes via time reversal. Talk and poster presented at the Bernstein Conference, Berlin, Germany.

24. **J. Krishnan**, P.G.L. Porta Mana, M. Helias, M. Diesmann, E. Di Napoli (2016, April). Precise Spiking Neuron models in the NEST Simulator. Poster presented at the Supercomputing and Modeling for the Human Brain (SMHB) General Assembly, Jülich, Germany.
25. **J. Krishnan** (2016, January). How precise are the precise neuron models in NEST?. Talk presented at the Workshop on Future Computing, Manchester, UK.
26. **J. Krishnan** (2015, September). Google Brain- A Large Scale Deep Learning AI. Talk presented at the SIAM Artificial Intelligence Seminar Series, SIAM Student Chapter, Aachen, Germany.
27. **J. Krishnan** (2015, August). Precise models in the NEST Simulator. Talk presented at the 2nd HBP School, Obergurgl, Austria.
28. **J. Krishnan**, M. Helias, E. Di Napoli, M. Diesmann (2015, July). Detection of threshold crossings in LIF neuron in time-driven simulations. Poster presented at the 3rd Aachen Conference on Computational Engineering Science (AC.CES), Aachen, Germany.
29. **J. Krishnan**, V. Rastogi (2011, March). Impipenem Resistance in Gram-Negative Bacteria. Talk presented at the World Congress on Biotechnology, Hyderabad, India.
30. **J. Krishnan** (2010, April). Mathematical Modeling of Stem-Cell Bioreactors. Talk presented at the Stem Cell and Regenerative Medicine Conference, Sri Ramachandra University, India.

## REVIEWING CONTRIBUTIONS

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- Reviewer, Biology (2025 - now)
- Reviewer, NeurIPS Position Paper Track (2025 - now)

## WORKSHOPS

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1. CF A Learning Summit, Seeheim, Germany, July 2024
2. Professional Presentation and Moderation, Munich, Germany, June 2024
3. CF A Learning Summit, Seeheim, Germany, July 2023
4. Complexity Management Camp, Westerham, Germany, April 2023
5. Effective Problem Solving Training Camp, Westerham, Germany, November 2022
6. Intrapreneur Bootcamp on Sustainable Manufacturing, October to December 2022, Hybrid, Germany
7. Aprecio Personality Workshop, Munich, Germany, July 2022
8. CF A Learning Summit, Seeheim, Germany, July 2022
9. Bio-IT World Conference  
Boston, USA/ Online, September 21-23, 2021
10. Oxford Machine Learning Summer School (oxML)  
Oxford, UK / Online, August 9-20, 2021.
11. Mathematics of Multiscale Biology  
Nottingham, UK, July 1-8, 2018.
12. Programming a D-Wave Quantum Computer  
Jülich, Germany, March 19-20 2018.
13. Parallel Programming in Computational Engineering Science (PPCES),  
Aachen, Germany, March 16-20 2015.

14. Jülich Guest Student Programme,  
(accepted) Jülich, Germany, August 2013.
15. Scientific Python Workshop,  
Jülich, Germany, 18-20 March 2013.
16. Winter Course in Mathematical Modeling and Computational Sciences  
AU-KBC, India, May 2010.
17. Summer Training course on Cancer Imaging Methods  
Cancer Institute, India, January 2010.

## SUPERVISION AND MENTORING

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1. Several internal junior data scientists and working students, Siemens AG (2022 - now), please check my website for more details
2. L. Kauderer (2021), Seminar project student, JRC for Computational Biomedicine, RWTH Aachen University.
3. Y. Li (2021), Student Assistant, JRC for Computational Biomedicine, RWTH Aachen University.
4. D. Ravi (2020), Student Assistant, JRC for Computational Biomedicine, RWTH Aachen University.
5. Z. Lian (2020-2021), Student Assistant, JRC for Computational Biomedicine, RWTH Aachen University.
6. A. Kang (2019), Rice University, Texas, Undergraduate Research Opportunities Program (UROP), JRC for Computational Biomedicine, RWTH Aachen.
7. A. Darsht (2018), Master Thesis, Department of Physics, RWTH Aachen University.
8. Computational and Mathematical Modeling Program (CAMMP) (2015), Instructor for a MINT crash course teaching Computational Engineering Science to high school students.

## SERVICE AND SOCIETIES

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1. Member  
German Alliance for Global Health Research (GLOHRA)  
July 2020 - July 2022
2. Board of Doctoral Candidates  
Aachen Institute of advanced study in Computational Engineering Science (AICES)  
Student Representative  
2017
3. Society for Industrial and Applied Mathematics, Aachen Chapter  
Student Member  
2015 - 2020  
RWTH Aachen University, Germany.
4. PA SiSc: Simulation Sciences Examination Board Meeting (Prüfungsausschusses), Faculty of Mechanical Engineering, RWTH Aachen University, Germany  
Student member  
2013 - 2014

## SOFTWARE CONTRIBUTIONS

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1. Tropical Sensitivity Scores (TROSS), Primary maintainer: TROSS determines the parameter sensitivity scores for a given biochemical reaction network based on the changes in tropical solutions.
2. NEST 2.16.0, Contributor: Charl Linssen, Mikkel Elle Lepperød, Jessica Mitchell, Jari Pronold, Jochen Martin Eppler, Chrisitan Keup, Alexander Peyser, Susanne Kunkel, Philipp Weidel, Yannick Nodem, Dennis Terhorst, Rajalekshmi Deepu, Moritz Deger, Jan Hahne, Ankur Sinha, Alberto Antonietti, Maximilian Schmidt, Luciano Paz, Jesús Garrido, Tammo Ippen, Luis Riquelme, Alex Serenko, Tobias Kühn, Itaru Kitayama, Håkon Mørk, Sebastian Spreizer, Jakob Jordan, **Jeyashree Krishnan**, Mario Senden, Espen Hagen, Alexey Shusharin, Stine Brekke Vennemo, Dimitri Rodarie, Abigail Morrison, Steffen Graber, Jannis Schuecker, Sandra Diaz, Barna Zajzon, and Hans Ekkehard Plesser. Nest 2.16.0. (2018). doi:10.5281/zenodo.1400175.
3. Swcarpentry/git-novice, Contributor: Software Carpentry: Version Control with Git, Madicken Munk, Katherine Koziar, Katrin Leinweber, Raniere Silva, François Michonneau, Rich McCue, Nima Hejazi, Simon Waldman, Rémi Emonet, Rayna Michelle Harris, Amy L Olex, Erin Alison Becker, Jake Lever, Marie-Helene Burle, Brian Moore, Umihiko Hoshijima, Amiya Maji, Begüm D. Topçuo lu, Christoph Junghans, Jonah Duckles, Lex Nederbragt, Traci P, Alexander G. Zimmerman, Annika Rockenberger, Casey Youngflesh, Garrett Bachant, Holger Dinkel, James E McClure, James Tocknell, Jano Vidali, Jimmy O'Donnell, Joe Atzberger, jonestoddc, Kurt Glaesemann, Andrew Lonsdale, Maneesha Sane, Michael Zingale, Nicola Soranzo, Pey Lian Lim, Saskia Hiltemann, abracarambar, Ben Bolker, Bill Sacks, butterflyskip, Charlotte Moragh, Jones-Todd, David Jennings, Grant Sayer, Ian Lee, James Tocknell, Jeremy Teitelbaum, **Jeyashree Krishnan**, João Rodrigues, Jonathan Cooper, Kunal Marwaha, L.C. Karssen, Lauren Ko, Mark Woodbridge, Martino Sorbaro, Matt Critchlow, Matteo Ceschia, Matthew Bourque, Matthew Hartley, Maxim Belkin, Megan Potterbusch, Michael Torpey, Mingsheng Zhang, Oscar Arbeláez, Peace Ossom Williamson, Rene Gassmoeller, Richard Barnes, Ruud Steltenpool, Samuel Lelièvre, Sarah Stevens, Tobias Schlauch, Scott Bailey, Samniqueka Halsey, Stefan Siegert, Thomas Morrell, Tommy Keswick, Tracy Teal, Trevor Keller, TrevorLeeCline, Tyler Crawford Kelly, Tyler Reddy, Veronica Ikeshoji-Orlati, Wes Harrell, Will Usher, Wolmar Nyberg Åkerström ,10.5281/zenodo.3264950
4. LibraryCarpentry/lc-git, Contributor: Stable release, Christopher Erdmann, Katrin Leinweber, Belinda Weaver, James Baker, Nora McGregor, Dan Michel O. Heggø, Jonah Duckles, Alex Mendes, Jamene Brooks-Kieffer, Tim Dennis, Jeffrey Oliver, Bill McMillin, DStraining, Evan Williamson, Ryan Wick, Thea Atwood, 222064h, Alexander Mendes, ajtag, Kunal Marwaha, Shari Laster, Yuri, Madicken Munk, Katherine Koziar, Raniere Silva, Rich McCue, Nima Hejazi, Simon Waldman, Rémi Emonet, Rayna Harris, Amy Olex, Erin Alison Becker, Jake Lever, Marie-Helene Burle, Brian Moore, Umihiko Hoshijima, Amiya Maji, Begüm D. Topçuo lu, Christoph Junghans, Lex Nederbragt, Alexander Gary Zimmerman, Annika Rockenberger, Casey Youngflesh, Garrett Bachant, hdinkel, James E McClure, James Tocknell, Jano Vidali, James O'Donnell, Joe Atzberger, jonestoddc, Kurt Glaesemann, Andrew Lonsdale, Maneesha Sane, Michael Zingale, Nicola Soranzo, pllim, Saskia Hiltemann, abracarmbar, Benjamin Bolker, Willian Sacks, butterflyskip, cmjt, David Jennings, Grant Sayer, Ian Lee, James Tocknell, Jeremy Teitelbaum, **Jeyashree Krishnan**, João Rodrigues, Jonathan Cooper, L.C. Karssen, Lauren Ko, Mark Woodbridge, Martino Sorbaro, Matt Critchlow, Matteo Ceschia, Matthew Bourque, Matthew Hartley, Maxim Belkin, Megan Potterbusch, Michael Torpey, Mindsheng Zhang, Oscar Arbeláez, Peace Ossom Williamson, Rene Gassmoeller, Richard Barnes, Ruud Steltenpool, Samuel Lelièvre, Sarah Stevens, Tobias Schlauch, Scott Bailey, Samniqueka Halsey, Stefan Siegert, Thomas Morell, Tommy Keswick, Tracy Teal, Trevor Keller, TrevorLeeCline, Tyler Crawford Kelly, Tyler Reddy, Veronica Ikeshoji-Orlati, Wes Harrell, Will Usher, Wolmar Nyberg Akerström, 10.5281/zenodo.3958223

## TEACHING

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1. Incoming Lecturer for Company Cooperation Project,  
Masters in Applied Data Science,  
Frankfurt School of Finance and Management  
Winter 2026 - 27.
2. Programming with MATLAB  
Course on Computational Systems Biology and MATLAB programming offered as part  
of the Masters Program in Biomedical Engineering, RWTH Aachen University.  
2018-2020.
3. Software Carpentry Instructor  
Teaching basic lab skills for research in computational sciences  
2018 - now.
4. Theoretical Neuroscience: Correlation structure of neuronal networks  
Summer term 2013.  
Documentation of lecture course and helper during lectures.

## INTERESTS AND ACTIVITIES

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- **Marathoner**  
*Ran 10+ (ultra-) marathons across 6 continents*
- **Traveller**  
*Travelled to 60+ countries and 6 continents*
- **Avid reader**  
*Read 100+ books in a year*

## MEDIA

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- My podcast with coach Karina Inkster on plant-based food, running, and importance  
of critical thinking in diet choices (2024)
- Featured in 1MWIS STEM Women (2020)