
acquisition of education and participation in other areas of social life, as well as protecting people against unequal treatment on grounds of primarily nationality (ethnic origin), race, colour, religion or other beliefs, age, disability or sexual orientation.

List of relevant papers

1. Gómez-Herrero, G., Wu, W., Rutanen, K., Soriano, M. C., Pipa, G., Vicente, R. (2015). Assessing coupling dynamics from an ensemble of time series. *Entropy*, 17(4), 1958-1970.
2. Tampuu, A., Matiisen, T., Kodelja, D., Kuzovkin, I., Korjus, K., Aru, J., ... Vicente, R. (2017). Multiagent cooperation and competition with deep reinforcement learning. *PloS one*, 12(4).
3. Bzhalava, Z., Tampuu, A., Bała, P., Vicente, R., Dillner, J. (2018). Machine Learning for detection of viral sequences in human metagenomic datasets. *BMC bioinformatics*, 19(1), 336.
4. Lindner, M., Vicente, R., Priesemann, V., Wibral, M. (2011). TRENTOOL: A Matlab open source toolbox to analyse information flow in time series data with transfer entropy. *BMC neuroscience*, 12(1), 119.
5. Wibral, M., Vicente, R., Lizier, J. T. (Eds.). (2014). Directed information measures in neuroscience (pp. 3-36). Berlin: Springer.

List of relevant projects

1. H2020-EIC-FETPROACT-2019, with the project TRUST-AI, PI, 600K Eur (2020-2024)
2. Smart Specialisation Grant, RD with Milrem Robotics, PI, 355K Eur (2018-2021)
3. Estonian Center of Excellence in IT, PI, 130K Eur (2016-2023)
4. Personal Research Grant, Estonian Research Council, PI, 190K Eur (2017-2019)
5. Personal Research Grant, Estonian Research Council, PI, 180K Eur (2014-2016)

5, EPFL (SDSC)

Dr. Christine Choirat (female) is the Chief Innovation Officer of the Swiss Data Science Center (SDSC, <https://datascience.ch/>), where she provides leadership over the lifecycle of sponsored projects in the domains of environmental science, health science and technology, personalized medicine, and open science. She also fosters engagement with partners to facilitate the adoption of FAIR data and workflow sharing platforms nationally and internationally. At SDSC, she leads the strategic development and outreach efforts of the Renku platform (<https://renkulab.io/>) for reproducible, collaborative and open data-driven science. Dr. Choirat has over 15 years of experience in data science, computational statistics and in industry-standard software development. She is passionate about education in data science and reproducible research. She created a module for the HarvardX MOOC “Principles, Statistical and Computational Tools for Reproducible Science” and is also the instructor of “Computing for Big Data” at Harvard University. Dr. Choirat will advise on best practice in data science to organize FAIR data management, and on creating and distributing high-quality software tools.

The mission of the Swiss Data Science Center (SDSC) is to accelerate the adoption of data science and machine learning techniques within academic disciplines between the Swiss academic community at large, and the industrial sector. In particular, it addresses the gap between those who create data, those who develop data analytics and systems, and those who can extract value from it. The Center is composed of a large multidisciplinary team of data scientists and computer scientists, and experts in select domains, with offices in Lausanne and Zurich (www.datascience.ch).