

# Curriculum Vitae: Klaus Eckelt

## PERSONAL INFORMATION

Family Name, First Name: Eckelt, Klaus  
ORCID Identifier: [0000-0001-6832-9070](https://orcid.org/0000-0001-6832-9070)  
Date of Birth: April 9, 1990  
Nationality: Austrian  
Website: <https://eckelt.info/>  
Google Scholar Profile: [https://scholar.google.de/citations?user=\\_wMz-ewAAAAJ](https://scholar.google.de/citations?user=_wMz-ewAAAAJ)

## CURRENT POSITION

2018– **Instructor and Doctoral Researcher, Ph.D. Student,**  
Johannes Kepler University Linz, Austria, Institute of Computer Graphics

## EDUCATION AND PREVIOUS POSITIONS

2019 - 2021 Instructor, Imperial College London, United Kingdom  
2018 Master's degree (Dipl.-Ing.), Vienna University of Technology, Austria  
TUtheTOP - High Potential Program Candidate  
2017 Bachelor's degree (Bachelor of Science), Vienna University of Technology, Austria

## SCIENTIFIC COMMUNITY SERVICES

### International Program Committee Member

2023 Leipzig Symposium on Visualization In Applications (LEVIA)  
2021 - 2022 EuroVis Conference – Poster Track

### Reviewer

2023 EuroVis Conference – Full Papers  
2022 Bioinformatics Advances – Journal Article  
2021 IEEE VIS Conference – Short Papers

## TEACHING EXPERIENCE

2020 - 2023 Explainable AI, Johannes Kepler University Linz, Austria  
2018 - 2023 Visual Analytics, Johannes Kepler University Linz, Austria  
2019 - 2022 Information Visualization, Johannes Kepler University Linz, Austria  
2018 - 2022 Computer Graphics, Johannes Kepler University Linz, Austria  
2019 - 2021 Visualisation, Imperial College London, United Kingdom

## TALKS AND PRESENTATIONS

2022-10-21 Paper Presentation, IEEE VIS 2022  
*Visual Exploration of Relationships and Structure in Low-Dimensional Embeddings*  
Oklahoma City, OK, USA  
2022-10-17 Paper Presentation, IEEE VIS 2022 Workshop on Visualization in Biomedical AI  
*Kokiri: Random-Forest-Based Comparison and Characterization of Cohorts*  
Oklahoma City, OK, USA  
2022-07-13 Invited Highlight Talk, BioVis@ISMB 2022  
*Visual Exploration of Relationships and Structure in Low-Dimensional Embeddings*  
Madison, WI, USA

2019-06-03    Paper Presentation, EuroVis Workshop on Visual Analytics 2019  
*TourDino: A Support View for Confirming Patterns in Tabular Data*  
Porto, Portugal

## **PUBLICATIONS (in chronological order)**

**Klaus Eckelt**, Patrick Adelberger, Markus J. Bauer, Thomas Zichner, Marc Streit, *Kokiri: Random-Forest-Based Comparison and Characterization of Cohorts*, IEEE VIS Workshop on Visualization in Biomedical AI, 2022. <https://doi.org/10.1101/2022.08.16.503622>

**Klaus Eckelt**, Andreas Hinterreiter, Patrick Adelberger, Conny Walchshofer, Vaishali Dhanoa, Christina Humer, Moritz Heckmann, Christian A. Steinparz, Marc Streit, *Visual Exploration of Relationships and Structure in Low-Dimensional Embeddings*, IEEE Transactions on Visualization and Computer Graphics, 2022. <https://doi.org/10.1109/TVCG.2022.3156760>

Patrick Adelberger, **Klaus Eckelt**, Markus J. Bauer, Marc Streit, Christian Haslinger, Thomas Zichner, *Coral: a web-based visual analysis tool for creating and characterizing cohorts*, Bioinformatics, 37(23): 4559-4561, 2021. <https://doi.org/10.1093/bioinformatics/btab695>

**Klaus Eckelt**, Patrick Adelberger, Thomas Zichner, Andreas Wernitznig, Marc Streit, *TourDino: A Support View for Confirming Patterns in Tabular Data*, EuroVis Workshop on Visual Analytics (EuroVA '19), 2019. <https://doi.org/10.2312/eurova.20191117>