

# 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

2023 EuroVis Papers – Reviewer  
2023 Leipzig Symposium on Visualization In Applications (LEVIA) – International  
Program Committee Member  
2021–2022 EuroVis Poster Track – International Program Committee Member  
2021 IEEE VIS Short Papers – Reviewer

## TEACHING EXPERIENCE

I teach undergraduate and graduate students in Computer Science, Artificial Intelligence, and Business Analytics programs:

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

## SELECTED 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>