

# Dipl.-Ing. Dr. Christina Stoiber\*, BSc

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**Research Interests:** information visualization, visual analytics, visualization literacy, visualization education, gamification, visualization onboarding, HCI, knowledge-assisted VA.

## Education and Training

2017 - 2023	<b>PhD (Dr.techn.) Informatics</b> at TU Wien, Austria Disseration: Visualization Onboarding: Supporting users in understanding unfamiliar visual representations, Supervisor: FH-Prof. Priv.-Doz. Dipl.-Ing. Dr. Wolfgang Aigner, MSc
2013 – 2015	<b>Master degree (Dipl.-Ing.)</b> Digital Media Technologies (Media Computing) St. Pölten University of Applied Sciences Master thesis: Visualization Techniques for Climbing Self-Assessment
2010 – 2013	<b>Bachelor degree (BSc)</b> Media Technology (Interactive Media) St. Pölten University of Applied Sciences
2005 – 2010	<b>Reife- und Diplomprüfung</b> Höhere Lehranstalt für wirtschaftliche Berufe (IT-Creativ)

## Professional Appointments

Since July 2015	<b>Researcher &amp; Deputy Head of a Josef Ressel Center</b> St. Pölten University of Applied Sciences, Department of Media and Digital Technologies <ul style="list-style-type: none"><li>• Deputy Head of “Josef Ressel Center for Knowledge-Assisted Visual Analytics for Industrial Manufacturing Data” &amp; Coordination of three Use Cases in cooperation with company partners</li><li>• Writing and collaborating in research projects proposals in the field of information visualization, visualization literacy and education, and HCI</li><li>• Managing, supporting, and working on research projects in the field of information visualization, visualization literacy and education, and HCI</li><li>• Writing and reviewing scientific papers</li><li>• Teaching and advising Bachelor and Master students</li></ul>
From 2017 to 2018	<b>Lecturer</b> University of Applied Sciences Upper Austria <ul style="list-style-type: none"><li>• Teaching master students in the field of Information visualization and Visual Analytics</li></ul>
From 2014 to 2021	<b>Self-employed graphic designer</b> Chriative –Design & Graphics <ul style="list-style-type: none"><li>• Designing and developing of websites (Wordpress CMS)</li><li>• Producing corporate designs, and print media for different small and medium-sized companies</li></ul>
From 2013 to 2015	<b>Research Assistant</b> St. Pölten University of Applied Sciences, Department of Media and Digital Technologies <ul style="list-style-type: none"><li>• Working on different research projects in the field of data visualization, HCI, and usability</li></ul>
February to Juli 2013	<b>Internship</b> Fluidtime Data Services GmbH Wien <ul style="list-style-type: none"><li>• Internship in the field of interaction design and usability</li><li>• Developing of low- and high-fidelity prototypes</li><li>• Designing and conducting usability evaluations and user research</li></ul>

## Selected Grants, Fellowships and Awards

2025	<b>Best Paper Award</b> at EuroVis Conference 2025 for “NODKANT: Exploring Constructive Network Physicalization”
2023 – 2028	<b>CDG Josef Ressel Center</b> for Knowledge-Assisted Visual Analytics for Industrial Manufacturing Data: Role: Deputy Head & Work package lead for Visualization Design, € 1.502.484, Role: Deputy Head & Work package lead <a href="https://research.fhstp.ac.at/projekte/josef-ressel-zentrum-industrial-data-lab">https://research.fhstp.ac.at/projekte/josef-ressel-zentrum-industrial-data-lab</a>
2024	Creator and Contributor of the Comic Construction Kit for which we received a “ <b>Best Short Paper Honorable Mention Award</b> ” at IEEE Vis’24
2023	Nomination for “ <b>Excellence Award</b> ” for the best PhD thesis at TU Wien
2022 – 2026	<b>FWF WEAVE</b> (10.55776/15622) Vis4School, € 361,640.58, Role: work package lead, proposal concept, and writing
2023	<b>FFG ICT of the Future</b> SEVA: Self-Explanatory Visual Analytics for Data-Driven Insight Discovery (no. 874018), € 652.740, Role: Work package lead, proposal concept, and writing <a href="https://research.fhstp.ac.at/projekte/seva-self-explanatory-visual-analytics-for-data-driven-insight-discovery">https://research.fhstp.ac.at/projekte/seva-self-explanatory-visual-analytics-for-data-driven-insight-discovery</a>
2019 - 2022	<b>Scholarship</b> of GFF (Gesellschaft für Forschungsförderung Niederösterreich) NFB-Science Call Dissertationen on Visualization Onboarding <a href="https://research.fhstp.ac.at/projekte/vison-visualisation-onboarding">https://research.fhstp.ac.at/projekte/vison-visualisation-onboarding</a>

## Invited Talks / Events

2025	Conducting and designing of an <b>Escape Room prototyping workshop</b> with experts of the University of Edinburgh (2025)
2024	Attendance of the <b>NII Shonan Meeting</b> on “Advancing Visual Computing in Materials Science”, No. 189 (2024) <a href="https://shonan.nii.ac.jp/seminars/189/">https://shonan.nii.ac.jp/seminars/189/</a>
2023	Attendance of the <b>Dagstuhl Seminar</b> on “Visualization Empowerment: How to Teach and Learn Data Visualization” (Dagstuhl Seminar 22261) – working groups on physicalization, teaching methods, and challenges 10.4230/DagRep.12.6.83 (2023) <a href="https://drops.dagstuhl.de/entities/document/10.4230/DagRep.12.6.83">https://drops.dagstuhl.de/entities/document/10.4230/DagRep.12.6.83</a>

Active participant in diverse science outreach events, including European Researchers' Night, engaging broad audiences to promote public understanding of scientific research.

## Service to the Community

2025	Reviewer VIS 2025 VisComm
2025	Organizer, IPC, Reviewer VIS 2025 EduVis
2025	IPC & Reviewer for EuroVis 2025
2025	Organizer, IPC, Reviewer for Eurovis 2025 VisGames
2024	IPC & Reviewer PacificVis Papers
2024	Co-Organizer, IPC, Reviewer Vis 2024 Eduvis & Vis 2024 Short Papers
2024	Reviewer EuroVis 2024 Education Papers
2024	Reviewer Springer Nature
2023	Reviewer PacificVis 2024 Papers (Journal Track)
2023	Reviewer Journal Medien und Kommunikationswissenschaft

## Teaching Experiences

Experienced in teaching courses on data visualization for bachelor and master level students at the St. Pölten University of Applied Sciences and at the University of Applied Sciences Upper Austria in German and English.

This expertise was further reinforced by formal training in higher education didactics (St. Pölten University of Applied Sciences, 08/2018–07/2019) and advanced instruction in academic teaching excellence, with English as a teaching language (British Council, FH St. Pölten, 09/2018).

2022 – 2025	Elective module Narrative Visualization and data-driven Storytelling (Bachelor)
2020 – 2024	Data Analysis & Information Architecture (Master)
Since 2022	Visualization of Financial Data (Master)
2022 – 2023	Data Visualization / Visual Analytics (Bachelor)
Since 2025	Medialab on Escape Room Creation (Bachelor)
Since 2016	Supervision and mentoring of bachelor's and master's thesis projects, guiding students through research design, methodology, and academic writing

## Top 10 Selected Publications

<https://scholar.google.com/citations?user=0b65cYsAAAAJ&hl=de>

Boucher, M., Kejstová, M., **Stoiber**, C., Kandlhofer, M., Boucher, A., Kriglstein, S., Buchinger, S., & Aigner, W. (2025). Enhancing Data Visualization Literacy: A Comparative Study of Learning Materials in Schools. IEEE Transactions on Visualization and Computer Graphics, to appear.

Boucher, M., Böck, J., **Stoiber**, C., & Aigner, W. (2025). From Data to Diagram: Learning Chart Types Through Interactive Instructional Comics. IEEE VIS 2025 - Posters, to appear.

Keck, M., Boucher, M., & **Stoiber**, C. (2025). Bisous de Données: A Multisensory and Participatory Data Experience. Envisioning a Research Agenda for Input Visualization. IEEE VIS 2025, Vienna, Austria, to appear.

**Stoiber**, C., Rajabiyazdi, F., Keck, M., Boucher, M., C. Roberts, J., Besancon, L., Brossier, M., & Bach, B. (2025). EduVis: 3rd IEEE VIS Workshop on Visualization Education, Literacy, and Activities. Workshop IEEE VIS'25, Vienna, Austria, to appear.

Böck, A. J., Größbacher, S., Vrablicz, J., **Stoiber**, C., Rind, A., Suschnigg, J., Schreck, T., Aigner, W., & Wagner, M. (2025). KAVAI: A Systematic Review of the Building Blocks for Knowledge-Assisted Visual Analytics in Industrial Manufacturing. Applied Sciences, 15(18), 10172. <https://doi.org/10.3390/app151810172>

Größbacher, S., **Stoiber**, C., Kainzbauer, L., Grassinger, F., Rotter, S., Felberbauer, T., & Wagner, M. (2025). VAILO: A Visual Analytics Dashboard for Identifying Tied-up Capital in Manufacturing. Vinci'25 - Full Paper. The 18th International Symposium on Visual Information Communication and Interaction, Linz, to appear.

Felbermayer, A., **Stoiber**, C., & Wagner, M. (2025). Design of a Machine Activity Visualisation Dashboard for Shopfloor Management. Vinci'25 - Full Paper. The 18th International Symposium on Visual Information Communication and Interaction, Linz, Austria, to appear.

Pahr, D., Di Bartolomeo, S., Ehlers, H., Filipov, V., **Stoiber**, C., Aigner, W., Wu, H.-Y., & Raidou, R. (2025). NODKANT: Exploring Constructive Network Physicalization. EuroVis 2025, Luxembourg, Luxembourg.

**Stoiber**, C., Boucher, M., de Jesus Oliveira, V. A., Schetinger, V., Filipov, V., Raidou, R. G., Amabili, L., Keck, M., & Aigner, W. (2025). VisGames: Workshop on Visualization Play, Games, and Activities. EuroVis Workshop. Eurographics Conference on Visualization (EuroVis), Luxembourg.

Boucher, M., **Stoiber**, C., Keck, M., de Jesus Oliveira, V. A., & Aigner, W. (2024). The Comic Construction Kit: An Activity for Students to Learn and Explain Data Visualizations. IEEE VIS 2024, St. Pete Beach, Florida, USA.

## Skills and experiences

### Communication skills:

Excellent communication skills gained through: **presentations** and **invited talks** at prestigious **scientific venues** in English, **teaching** and **supervising** undergraduate and graduate students at St. Pölten University of Applied Sciences and University of Applied Sciences Upper Austria.

Leading and running **workshops** in the field of data journalism (OÖ Presseclub Linz) and **co-creation workshops** of internal and external of St. Pölten University of Applied Sciences in English and German.

### Organizational & Managerial skills:

First **leadership** experiences as **work package lead** and **internal organization** of project teams in the following projects:

- *Vis4Schools*: Fostering Information Visualization Literacy in Schools project funded by Austrian Science Fund (I 5622-N) and Czech Science Foundation (No. 22-06357L) <https://research.fhstp.ac.at/en/projects/vis4schools>
- *SEVA*: Self-Explanatory Visual Analytics for Data-Driven Insight Discovery funded by the BMK under the ICT of the Future program (no. 874018) <https://research.fhstp.ac.at/projekte/seva-self-explanatory-visual-analytics-for-data-driven-insight-discovery>

Leading of **international** and **national research teams** for **workshops** submissions at IEEE VIS and EuroVis conferences:

- Organizer, Co-Organizer & Chair of the 1st, 2nd and 3rd [IEEE VIS Workshop on Visualization Education, Literacy, and Activities](#) 2023, 2024, 2025
- Organizer & Chair of the 1st [Workshop on Visualization Play, Games, and Activities](#) at Eurographics Conference on Visualization (EuroVis) in 2025
- Organizer of the IEEE Application Spotlight at IEEE VIS'19 in Vancouver about "Knowledge-assisted Visual Analytics meets Guidance and Onboarding"

Leading experiences as the **Deputy head** of the *Josef Ressel Centre for Knowledge-Assisted Visual Analytics for Industrial Manufacturing Data* including academic leadership, managing daily operations, overseeing staff, ensuring implementation of strategic goals:

- *IDL*: Josef Ressel Centre for Knowledge-Assisted Visual Analytics for Industrial Manufacturing Data funded Austrian Federal Ministry of Labour and Economy, the National Foundation for Research, Technology and Development and the Christian Doppler Research Association) <https://research.fhstp.ac.at/projekte/josef-ressel-zentrum-industrial-data-lab>

Extensive knowledge and experience of **project** and **team management**; acquired during studies and preparation for PMA D-Level certification.

### Academic & Research expertise:

Experienced in visualization literacy, visualization onboarding, HCI and usability, visual analytics, knowledge-assisted VA. Ability to learn, organizational know-how and time management, problem-solving abilities, and empathy.

Experienced in **leading** an international team for **proposal submissions** at the Austrian Science Fund (FWF WEAVE, FWF Principal Investigator), Budget and project planning during several research projects and proposal submissions for FWF, FFG, Netidee, WWTF, and CDG Josef Ressel Centres.

Experienced in **designing** and **facilitating workshops** for **students** of diverse ages and backgrounds, creating inclusive and engaging learning environments that promote active participation and skill development in the course of the Vis4Schools project.

Extensive experience conducting **user research** across diverse domains (industry, biomedicine, data journalism, etc.) by employing qualitative and quantitative methodologies.

Projects involved over the last years:

- *Comixplain*: Comixplain promotes student-centred teaching and learning. <https://research.fhstp.ac.at/projekte/comixplain> & <https://fhstp.github.io/comixplain/>
- *FFG COIN „Aufbau“ SAMBA*: The project aims at exploring the economic value of social media data for the music industry. <https://research.fhstp.ac.at/projekte/samba-smart-data-for-music-business-administration>
- *FWF VisonFire*: Visual Analysis of Large and Heterogeneous Scientific Workflows for Analytical Provenance <https://research.fhstp.ac.at/en/projects/visonfire.-understanding-and-visualizing-workflows>
- *Netidee ContractVis*: a visual assistant for the small print; <https://research.fhstp.ac.at/en/projects/contractvis-a-visual-assistant-for-the-small-print>
- *FFG ICT of the future Valid*: Visual Analytics in Data-Driven Journalism (no. 845598); <https://research.fhstp.ac.at/en/projects/valid-visual-analytics-in-data-driven-journalism>

#### Computer skills:

Expert in Microsoft Office™ & LaTeX;  
Coding skills: Javascript, D3.js, Vega-Lite;  
Experienced in data analysis and visualization using R;  
Experienced in using Tableau Software and DataWrapper for data visualization, Adobe Illustrator, Photoshop, Indesign, Sketch Bohemian Coding & Figma

**Other skills:** Skiing instructor for adolescents oder young people at Naturfreunde

#### Full Publication List

Citations 563 | H-Index 13 (27.09.2025)

<https://scholar.google.com/citations?user=0b65cYsAAAAJ&hl=de>

#### 2025

- Böck, A. J., Größbacher, S., Vrablicz, J., Stoiber, C., Rind, A., Suschnigg, J., Schreck, T., Aigner, W., & Wagner, M. (2025). KAVAI: A systematic review of the building blocks for knowledge-assisted visual analytics in industrial manufacturing. *Applied Sciences*, 15(18), 10172. <https://doi.org/10.3390/app151810172>
- Boucher, M., Böck, J., Stoiber, C., & Aigner, W. (2025). From data to diagram: Learning chart types through interactive instructional comics. *IEEE VIS 2025 – Posters* (to appear).
- Boucher, M., Kejstová, M., Stoiber, C., Kandhofer, M., Boucher, A., Kriglstein, S., Buchinger, S., & Aigner, W. (2025). Enhancing data visualization literacy: A comparative study of learning materials in schools. *IEEE Transactions on Visualization and Computer Graphics* (to appear).
- Felbermayer, A., Stoiber, C., & Wagner, M. (2025). Design of a machine activity visualisation dashboard for shopfloor management. *Proceedings of VINCI'25 – The 18th International Symposium on Visual Information Communication and Interaction*, Linz, Austria.
- Größbacher, S., Stoiber, C., Kainzbauer, L., Grassinger, F., Rotter, S., Felberbauer, T., & Wagner, M. (2025). VAILO: A visual analytics dashboard for identifying tied-up capital in manufacturing. *Proceedings of VINCI'25 – The 18th International Symposium on Visual Information Communication and Interaction*, Linz, Austria.
- Keck, M., Boucher, M., & Stoiber, C. (2025). Bisous de données: A multisensory and participatory data experience. In *Envisioning a Research Agenda for Input Visualization*, *IEEE VIS 2025*, Vienna, Austria.
- Pahr, D., Di Bartolomeo, S., Ehlers, H., Filipov, V., Stoiber, C., Aigner, W., Wu, H.-Y., & Raidou, R. (2025). NODKANT: Exploring constructive network physicalization. *Computer Graphics Forum*, 44, e70140. <https://doi.org/10.1111/cgf.70140>
- Pohl, M., Stoiber, C., Potzmann, B., & Aigner, W. (2025). Inconspicuous guides: A qualitative co-design study to understanding the degree of intrusiveness in visualization onboarding. *International Conference on Information Visualization Theory and Applications (IVAPP)*, 706–717. <https://doi.org/10.5220/0013135900003912>
- Stoiber, C., Boucher, M., de Jesus Oliveira, V. A., Schetinger, V., Filipov, V., Raidou, R. G., Amabili, L., Keck, M., & Aigner, W. (2025). VisGames: Workshop on visualization play, games, and activities. *EuroVis Workshop, Eurographics Conference on Visualization*, Luxembourg.
- Stoiber, C., Boucher, M., Keck, M., Amabili, L., Raidou, R. G., Filipov, V., Oliveira, V. A., Schetinger, V., & Aigner, W. (Eds.). (2025). *Proceedings of EuroVis Workshop on Visualization Play, Games, and Activities 2025*. Eurographics Association. <https://doi.org/10.2312/visgames.20252015>

- Stoiber, C., Rajabiyazdi, F., Keck, M., Boucher, M., Roberts, J. C., Besancon, L., Brossier, M., & Bach, B. (2025). EduVis: 3rd IEEE VIS workshop on visualization education, literacy, and activities. *Workshop IEEE VIS'25*, Vienna, Austria.
- Wagner, M., Stoiber, C., Rind, A., Größbacher, S., Böck, A., Vrablicz, J., Felberbauer, T., Moser, T., & Aigner, W. (2025). JR-Centre for knowledge-assisted visual analytics for industrial manufacturing data. *Forschungsforum der Österreichischen Fachhochschulen – Leading-Edge Research Programs*.

## 2024

- Boucher, M., Stoiber, C., Boucher, A., Wu, H.-Y., Aigner, W., & De Jesus Oliveira, V. A. (2024). Comixplain: Comics on visualization foundations in higher education. *Poster at IEEE VIS 2024*.
- Boucher, M., Stoiber, C., Keck, M., de Jesus Oliveira, V. A., & Aigner, W. (2024). The comic construction kit: An activity for students to learn and explain data visualizations. In *Proceedings of IEEE Visualization and Visual Analytics (VIS 2024)* (pp. 86–90). <https://doi.org/10.1109/VIS55277.2024.00025>
- Boucher, M., Stoiber, C., Kejstová, M., Kandhofer, M., Ertl, A., Kriglstein, S., & Aigner, W. (2024). Mapping the landscape of data visualizations in schools. *EuroVis 2024 Education Papers*. <https://doi.org/10.2312/eved.20241052>
- Rajabiyazdi, F., Keck, M., Stoiber, C., Roberts, J. C., Subramonyam, H., Ge, L., Boucher, M., & Bach, B. (2024). EduVis: 2nd IEEE VIS workshop on visualization education, literacy, and activities. *Workshop IEEE VIS'24, St. Pete Beach, Florida, USA*.
- Stoiber, C., Moitz, D., Stitz, H., Grassinger, F., Geo Prakash, A. S., Girardi, D., Streit, M., & Aigner, W. (2024). VisAhoi: Towards the semi-automated generation of visualization onboarding using high-level visualization grammars. *Visual Informatics*. <https://doi.org/10.1016/j.visinf.2024.06.001>

## 2023

- Bach, B., Keck, M., Rajabiyazdi, F., Losev, T., Meirelles, I., Dykes, J., Laramee, R. S., AlKadi, M., Stoiber, C., Huron, S., Perin, C., Morais, L., Aigner, W., Kosminsky, D., Boucher, M., Knudsen, S., Manataki, A., Aerts, J., Hinrichs, U., ... Carpendale, S. (2023). Challenges and opportunities in data visualization education: A call to action. *IEEE Transactions on Visualization and Computer Graphics*, 30(1), 649–660. <https://doi.org/10.1109/TVCG.2023.3327378>
- Boucher, M., Bach, B., Stoiber, C., Wang, Z., & Aigner, W. (2023). Educational data comics: What can comics do for education in visualization? *Workshop on Visualization Education, Literacy, and Activities (EduVis)*, 34–40. <https://doi.org/10.1109/EduVis60792.2023.00012>
- Keck, M., Huron, S., Panagiotidou, G., Stoiber, C., Rajabiyazdi, F., Perin, C., Roberts, J. C., & Bach, B. (2023). EduVis: Workshop on visualization education, literacy, and activities. *Workshop IEEE VIS'23, Melbourne, Australia*. <https://arxiv.org/abs/2303.10708>
- Kejstová, M., Stoiber, C., Boucher, M., Kandhofer, M., Kriglstein, S., & Aigner, W. (2023). Construct & play: Engaging students with visualizations through playful methods. *Work-in-Progress, CHI Play*, Stratford, Canada. <https://doi.org/10.1145/3573382.3616082>
- Pohl, M., Potzmann, B., Stoiber, C., & Aigner, W. (2023). Visualization onboarding designed by users: An empirical study. *International Conference on Cognition and Exploratory Learning in Digital Age (CELDA)*, 3–10. <https://doi.org/10.31219/osf.io/c38ab>
- Stoiber, C. (2023). Visualization onboarding—Supporting users in understanding unfamiliar visual representations [Doctoral dissertation, TU Wien]. <https://doi.org/10.34726/hss.2024.119342>
- Stoiber, C., Emrich, Š., & Aigner, W. (2023). dAn-oNo: Learning environment for data journalists teaching data analytics principles. *EduVis Workshop, IEEE VIS*. <https://doi.org/10.31219/osf.io/htfub>
- Stoiber, C., Moitz, D., Stitz, H., Girardi, D., Streit, M., & Aigner, W. (2023). Design of visualization onboarding concepts for a 2D scatterplot of biomedical visual analytics tools. *VisComm Workshop, IEEE VIS*. <https://doi.org/10.31219/osf.io/vtfj2>
- Stoiber, C., Pohl, M., & Aigner, W. (2023). Design actions for the design of visualization onboarding methods. *EduVis Workshop, IEEE VIS*. <https://doi.org/10.31219/osf.io/wjp5x>
- Stoiber, C., Radkohl, S., Grassinger, F., Moitz, D., Stitz, H., Goldgruber, E., Girardi, D., & Aigner, W. (2023). Authoring tool for data journalists integrating self-explanatory visualization onboarding concept for a treemap visualization. *Proceedings of the 15th Biannual Conference of the Italian SIGCHI Chapter*, 1–14. <https://doi.org/10.1145/3605390.3605394>
- Stoiber, C., Wagner, M., Grassinger, F., Pohl, M., Stitz, H., Streit, M., Potzmann, B., & Aigner, W. (2023). Visualization onboarding grounded in educational theories. In *Visualization Psychology*. Springer Nature. <https://doi.org/10.1007/978-3-031-34738-2>



## 2022

- Aerts, J., Aigner, W., Bach, B., Bishop, F., Boucher, M., Cheng, P. C.-H., Diehl, A., Dykes, J., Hayes, S., Hinrichs, U., Huron, S., Kinkeldey, C., Kirk, A., Knudsen, S., Kosminsky, D., Losev, T., Manataki, A., Manches, A., Meirelles, I., ... Willett, W. (2022). Me-ifestos for visualization empowerment in teaching (and learning?). *Alt. Vis, IEEE VIS*.
- Boucher, M., Stoiber, C., & Aigner, W. (2022). Using data comics to enhance visualization literacy. In *Proceedings of the 24th Eurographics Conference on Visualization (EuroVis 2022) – Posters* (p. 3). <https://doi.org/10.2312/evp.20221120>
- Raith, A., Kamp, C., Stoiber, C., Jakl, A., & Wagner, M. (2022). Augmented reality in radiology for education and training—A design study. *Healthcare*, 10(4), 672. <https://doi.org/10.3390/healthcare10040672>
- Roberts, J. C., Bach, B., Boucher, M., Chevalier, F., Diehl, A., Hinrichs, U., Huron, S., Kirk, A., Kudsen, S., Meirelles, I., Noonan, R., Pelchmann, L., Rajabiyazdi, F., & Stoiber, C. (2022). Reflections and considerations on running creative visualization learning activities. *Vis Guides Workshop, IEEE VIS*. <https://arxiv.org/pdf/2209.09807>
- Stoiber, C., Ceneda, D., Wagner, M., Schetinger, V., Gschwandtner, T., Streit, M., Miksch, S., & Aigner, W. (2022). Perspectives of visualization onboarding and guidance in visual analytics. *Visual Informatics*. <https://doi.org/10.1016/j.visinf.2022.02.005>
- Stoiber, C., Grassinger, F., & Aigner, W. (2022). Abstract and concrete materials: What to use for visualization onboarding for a treemap visualization? In *Proceedings of the 15th International Symposium on Visual Information Communication and Interaction (VINCI)* (p. 9). <https://doi.org/10.1145/3554944.3554949>
- Stoiber, C., Walchshofer, C., Pohl, M., Potzmann, B., Grassinger, F., Stitz, H., & Aigner, W. (2022). Comparative evaluations of visualization onboarding methods. *Visual Informatics*. <https://doi.org/10.1016/j.visinf.2022.07.001>

## 2021

- Stoiber, C., Walchshofer, C., Grassinger, F., Sitz, H., Streit, M., & Aigner, W. (2021). Design and comparative evaluation of visualization onboarding methods. *VINCI'21 – Short Papers*, 1–5. <https://doi.org/10.1145/3481549.3481558>

## 2020

- de Jesus Oliveira, V. A., Stoiber, C., Grüblbauer, J., Musik, C., Ringot, A., & Gebesmaier, A. (2020). SAMBAVis: Design study of a visual analytics tool for the music industry powered by YouTube comments. *EuroVis 2020*, 5. <https://doi.org/10.2312/evs.20201041>
- Gutounig, R., Radkohl, S., Goldgruber, E., & Stoiber, C. (2020). Datenjournalismus: Die Transformation journalistischer Arbeitsabläufe und Produkte durch Visualisierung und Analyse von Daten. In *Springer Gabler*.

## 2019

- Gäbler, J., Winkler, C., Lengyel, N., Wallner, G., Aigner, W., Stoiber, C., & Kriglstein, S. (2019). Diagram safari: A visualization literacy game for young children. *Proceedings of CHI PLAY 2019*. <https://doi.org/10/gh377j>
- Stoiber, C., Grassinger, F., Pohl, M., Stitz, H., Streit, M., & Aigner, W. (2019). Visualization onboarding: Learning how to read and use visualizations. *IEEE Workshop on Visualization for Communication*. <https://doi.org/10/gh38zd>
- Stoiber, C., Rind, A., Grassinger, F., Gutounig, R., Goldgruber, E., Sedlmair, M., Emrich, S., & Aigner, W. (2019). Netflower: Dynamic network visualization for data journalists. *Computer Graphics Forum (EuroVis '19)*, 38(3). <https://doi.org/10/ghm4jz>
- Stoiber, C., Wagner, M., Ceneda, D., Pohl, M., Gschwandtner, T., Miksch, S., Streit, M., Girardi, D., & Aigner, W. (2019). Knowledge-assisted visual analytics meets guidance and onboarding. *IEEE Symposium on Information Visualization (Application Spotlight)*.
- Vyssoki, S., Stoiber, C., Slijepcevic, D., Wagner-Havlicek, C., & Wagner, M. (2019). Kompetenzorientierte Prüfungsdesigns—DataBootCamp und Parallel Escape Rooms. In *Assessment in der Hochschullehre neu denken: Good practices – Herausforderungen – Visionen. 8. Tag der Lehre*, St. Pölten. [http://skill.fhstp.ac.at/wp-content/uploads/2019/11/Tagungsband\\_2019.pdf](http://skill.fhstp.ac.at/wp-content/uploads/2019/11/Tagungsband_2019.pdf)