

Curriculum Vitae

Prof. Dr. Andreas Gegenfurtner

1. Personal Information

Full name: Andreas Martin Gegenfurtner

Interim Professor of Psychology with an Emphasis on Learning and Instruction with Digital Media

Work address: University of Passau, Dr.-Hans-Kapfing-er-StraÙe 14b, 94032 Passau, Germany

Date and place of birth: 25 September 1981 in Deggendorf, Germany; Nationality: German

E: andreas.gegenfurtner@uni-passau.de; T: +49-851-509-2627; ORCID: 0000-0003-4671-1513

<https://www.phil.uni-passau.de/digital-learning/>

2. Education

- 2020 Habilitation (in review) in educational science, publication-based (16 articles)
Alma mater: University of Regensburg, Germany
Mentors: Prof. Dr. Hans Gruber, Prof. Dr. Erno Lehtinen, Prof. Dr. Christian Wolff
Title: "Professional vision and visual expertise"
- 2011 Dissertation in educational science, Ph.D., publication-based (7 articles)
Alma mater: University of Turku, Finland (summa cum laude, best dissertation award)
Advisors: Prof. Dr. Erno Lehtinen, Prof. Dr. Marja Vauras, Prof. Dr. Roger Säljö
Title: "Motivational influences on transfer: Dimensions and boundary conditions"
- 2008 Diploma in education, Dipl.-Päd.
Alma mater: University of Regensburg, Germany (best final degree of the year)
Advisors: Prof. Dr. Hans Gruber, Prof. Dr. Erno Lehtinen
Title: "On predicting two dimensions of extrinsic motivation to transfer training"
- 2001 Abitur, Comenius Gymnasium Deggendorf, Germany

3. Employment

- 2019-date Interim professor (W2) of psychology with an emphasis on learning and instruction with digital media, University of Passau, Germany
- 2016-2020 Principal investigator, Centre for Academic Further Education, Deggendorf Institute of Technology, Germany
- 2014-2016 Assistant professor, Department of Educational Development and Research, Maastricht University, the Netherlands
- 2015 Visiting professor, School of Education, University of Linz, Austria
- 2014 Visiting professor, Faculty of Education, University of Cambridge, United Kingdom
- 2012-2014 Post-doc, School of Education, Technical University of Munich, Germany
- 2011-2012 Post-doc, Centre for Learning Research and Department of Teacher Education, University of Turku, Finland
- 2011 Visiting scholar, InterMedia, University of Oslo, Norway and Center for Learning Sciences and Technologies (CELSTEC), Open University, the Netherlands
- 2008-2011 Ph.D. student, Centre for Learning Research and Department of Teacher Education, University of Turku, Finland

4. Membership in Academic Associations

European Association for Research on Learning and Instruction (EARLI)

Deutsche Gesellschaft für Erziehungswissenschaft (DGfE)

Academy of Human Resource Development (AHRD)

5. Awards and Listings

- 2014 Listed #1 for the W1-professorship “Wirtschaftspädagogik”, University of Frankfurt, Germany
- 2013 Highlighted Poster Award of Division C “Learning and Instruction” for the presentation: Gegenfurtner, A., Knogler, M., Quesada-Pallarès, C., & Siewiorek, A. (2013, April). *Digital simulation-based learning environments and their effects on self-efficacy and transfer*. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Francisco, USA.
- 2012 Best Dissertation Award, best dissertation thesis at the University of Turku in 2011, Turun Suomalainen Yliopistonseura (University Foundation Turku), Finland
- 2012 Listed #1 for the W1-professorship “Research on Learning and Instruction in STEM and Medicine”, University of Ulm, Germany
- 2011 Best Poster Award for the presentation: Gegenfurtner, A., & Vauras, M. (2011, September). *Fakten und Fiktion zum Altersproblem in der Lehrerweiterbildung: Eine Meta-Analyse von 25 Jahren empirischer Forschung*. Poster presented at the 76th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Klagenfurt, Austria.
- 2011 Student Research Excellence Award of the EARLI SIG 8 “Motivation and Emotion”, Exeter, United Kingdom
- 2008 Best Paper Award for the presentation: Gegenfurtner, A., Lehtinen, E., & Gruber, H. (2008, July). *Predicting autonomous and controlled motivation to transfer: Test of a model*. Paper presented at the 12th Conference of Junior Researchers (JURE) of EARLI, Leuven, Belgium.

6. Scientific Activities

6.1. Competitive Research Grants

Total sum of funded grants: €1,493,025

- 2018-2020 Principal Investigator of the project “Deggendorfer Distance Learning Modell 2 (DEG-DLM2)” funded by the Bundesministerium für Bildung und Forschung (€1,229,540)
→ This project examined how non-traditional students participate and learn in academic further education programs that were designed as blended learning scenarios. A particular focus was on the use of webinars.
- 2017-2019 Principal Investigator of the project “Inklusion sehbeeinträchtigter Studierender durch die Implementierung assistiver Technologien und Universal Design in Lern-Management-Systemen” funded by the Bayerischer Landtag (€96,900)
→ This project cared for visually impaired students in higher education to enable equal access and had, for that purpose, developed, implemented, and evaluated universal design and assistive technology tools in a Moodle environment.
- 2014-2016 Co-Applicant of the project “Neural Correlates of Visual Expertise Development” funded by Maastricht University (PI: Anique de Bruin; €50,000)
→ The aim of this project was to identify and analyze the neural correlates of visual expertise in two medical domains: surgery and radiology. A particular focus was on mirror neuron systems and the fusiform face area.
- 2013-2017 Co-Applicant of the project “Maintaining a Focus upon Learning at Work for Older Employees: An Interdisciplinary Perspective”, an EARLI Centre for Innovative Research (E-CIR), funded by the European Association for Research on Learning and Instruction (PI: Isabel Raemdonck)
→ used to finance networks meetings at the EARLI Office in Leuven, Belgium

- 2014 Principal Investigator of the project “Expertise in Teaching” funded by the Deutscher Akademischer Austauschdienst for a visit at the University of Cambridge (€2,440)
→ used to fund travel and accommodation costs
- 2013-2014 Principal Investigator of the project “Teacher Noticing” funded by the Deutsche Forschungsgemeinschaft (€27,745)
→ Situated in mathematics education, this project used eye tracking to examine expertise differences in teacher noticing and knowledge-based reasoning of pre-service teachers, in-service teachers, and school principals.
- 2011-2012 Co-Applicant of the project “Scientific Cooperation in Higher Education, Expert Performance and Social Networks (CONNECT)” funded by the Deutscher Akademischer Austauschdienst (PI: Hans Gruber)
→ used to finance visits at the universities of Regensburg and Turku (Finland)
- 2010-2012 Principal Investigator for the project “Fostering Horizontal Transitions of Expertise in Vision-Intensive Technology-Rich Environments” funded by OPMON / Academy of Finland (€86,400)
→ Grounded in an interest to understand the effects of technological change, this project focused on technology-mediated learning and the development of professional vision and visual expertise in the domains of radiology and nuclear medicine.

6.2. Thesis Supervision and Evaluation

Ongoing Dissertation Thesis

6. **Marlene Wagner**, University of Passau, Germany. Project: “Effectiveness of flipped classroom instruction in secondary education” (first advisor: Prof. Dr. Detlef Urhahne)
5. **Laurent Testers**, Open University of the Netherlands, the Netherlands. Project: “Multicontextual transfer of learning in digital education” (first advisor: Prof. Dr. Saskia Brand-Gruwel)

Completed Dissertation Thesis

4. **Renate Jakob**, May 15, 2020, University of Passau, Germany. Dissertation: “Antizipation von Schulerfolg am Gymnasium” (second advisor: Prof. Dr. Detlef Urhahne)
3. **Petra Ziegler**, March 20, 2020, University of Passau, Germany. Dissertation: “Subjektives Wohlbefinden von Studierenden – Einflussfaktoren auf das subjektive Wohlbefinden und Zusammenhänge mit der Studienabbruchsintention” (second advisor: Prof. Dr. Susanne Mayr)
2. **Erkka Laine**, June 28, 2019, University of Turku, Finland. Dissertation: “The interactions and relationships of achievement motivation, interest and learning in different educational contexts” (first advisor: Prof. Dr. Marjaana Veermans)
1. **Adam Szulewski**, June 20, 2019, Maastricht University, the Netherlands. Dissertation: “Through the eyes of the physician: Expertise development in resuscitation medicine” (first advisor: Prof. Dr. Jeroen van Merriënboer)

Dissertation Evaluation

7. PhD thesis of Anne-Maria Korhonen, University of Turku, Finland (2020)
6. PhD thesis of Rebecca Reuter, University of Regensburg, Germany (2020)
5. PhD thesis of Anne Jacot, Université Catholique du Louvain-la-Neuve, Belgium (2017)
4. PhD thesis of Ellen Kok, Maastricht University, the Netherlands (2016)
3. PhD thesis proposal of Natalie Govaerts, Katholieke Universiteit Leuven, Belgium (2014)
2. PhD thesis of Carla Quesada-Pallarès, Universitat Autònoma de Barcelona, Spain (2014)
1. PhD thesis of Kim Sankey, University of Southern Queensland, Australia (2013)

Master Thesis

20. Veronika Hadersbeck, Education, University of Passau (2020)
19. Malina Korsch, Education, University of Passau (2020)
18. Daniel Braumandl, Education, University of Passau (2019)
17. Maleen Hurlzmeier, Education, University of Passau, (2019)
16. Abdullah Albarrak, Health Professions Education, Maastricht University (2016)
15. Nur Faraheen Rahman, Health Professions Education, Maastricht University (2016)
14. Pham Long Thuy Tu, Health Professions Education, Maastricht University (2016)
13. Adam Szulewski, Health Professions Education, Maastricht University (2015)
12. Marie-Laurence Tremblay, Health Professions Education, Maastricht University (2015)
11. Joseph Daka, Health Professions Education, Maastricht University (2015)
10. Juliane Dölz, Education, Technical University of Munich (2015)
9. Tetiana Khmelivska, Education, Technical University of Munich (2014)
8. Maria Schmidt, Education, Technical University of Munich (2014)
7. Sarah Ottinger, Education, Technical University of Munich (2014)
6. Sarah Reinhold, Education, Technical University of Munich (2014)
5. Eva Witting, Education, Technical University of Munich (2014)
4. Nikola Kosmajac, Education, University of Turku (2013)
3. Erkkka Laine, Education, University of Turku (2013)
2. Rebecca Eitmann, Education, Technical University of Munich (2013)
1. Christopher Kilian, Education, Technical University of Munich (2013)

Bachelor Thesis

5. Daniel Zaglmann, Teacher Education, University of Passau (2020)
4. Andreas Sautner, Management, Deggendorf Institute of Technology (2020)
3. Claudia Fenninger, Teacher Education, University of Passau (2020)
2. Eva Witting, Education, Technical University of Munich (2012)
1. Sarah Reinhold, Education, Technical University of Munich (2012)

6.3. Editorial and Review Boards

Editor, *Frontline Learning Research*, 2019-date

Associate Editor, *Human Resource Development Quarterly*, 2019-date

Editorial Board Member, *Heliyon*, 2017-date

Editorial Board Member, *Human Resource Development Quarterly*, 2015-date

Editorial Board Member, *Educational Research Review*, 2014-date

Guest Editor, *Frontiers in Education*, 2020

Guest Editor, *International Journal of Training and Development*, 2020

Guest Editor, *Frontline Learning Research*, 2017

Guest Editor, *Zeitschrift für Erziehungswissenschaft*, 2015

Guest Editor, *International Journal of Educational Research*, 2013

Guest Editor, *Educational Research Review*, 2013

Reviewer of journal submissions, *Advances in Health Sciences Education, Anatomical Sciences Education, Applied Computing & Informatics, Applied Psychology: An International Review, Baltic Journal of Management, BMC Medical Education, British Journal of Educational Psychology, British Journal of Educational Technology, Computers & Education, Computers in Human Behavior, Digital Scholarship in the Humanities, Educational Psychologist, Educational Psychology, Educational Psychology Review, Educational Research Review, Educational Technology Research & Development, Empirische Pädagogik, European Journal of Training and Development, European Journal of Work and Organizational Psychology, Frontiers in*

Psychology, Frontline Learning Research, Heliyon, Human Resource Development International, Human Resource Development Quarterly, Human Resource Development Review, Instructional Science, International Journal of Computer-Supported Collaborative Learning, International Journal of Educational Research, International Journal of Public Sector Management, International Journal of Training and Development, International Journal of Training Research, International Quarterly of Community Health Education, Journal of Computer Assisted Learning, Journal of Creative Behavior, Journal of Educational Psychology, Journal of Educational Research Online, Journal of Education and Science, Journal of Workplace Learning, Learning and Individual Differences, Learning and Instruction, Learning, Culture and Social Interaction, Medical Education, Medical Teacher, Metacognition and Learning, Palgrave Communications, Personnel Review, PLOS ONE, Scandinavian Journal of Educational Research, Sex Education, Studies in Continuing Education, Transportation Research Part F: Psychology and Behaviour, Unterrichtswissenschaft, Vocations and Learning, Zeitschrift für Bildungsforschung, Zeitschrift für Erziehungswissenschaft, Zeitschrift für Hochschulentwicklung, Zeitschrift für Pädagogische Psychologie

Reviewer of book proposals, *Routledge*

Reviewer of conference submissions, *Academy of Management, American Educational Research Association, European Association for Research on Learning and Instruction (including its JURE and SIG conferences), European Association for Technology-Enhanced Learning, International Conference of Computer Supported Education and Information Technology, International Society of the Learning Sciences*

Reviewer of grant proposals, *Deutsche Forschungsgemeinschaft (DFG), Germany; Netherlands Organisation for Scientific Research (NWO), the Netherlands; Research Foundation Flanders (FWO), Belgium; Katholieke Universiteit Leuven, Belgium; Tertiary Education Research Fund (TRF), Singapore*

6.4. Academic Services

International

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| 2019 | Member of the “Richard A. Swanson Research Excellence Award” Committee, Academy of Human Resource Development |
| 2019 | Member of the “Best Paper Award” Committee, 23rd Conference of Junior Researchers of EARLI, Aachen, Germany |
| 2018 | Member of the “Richard A. Swanson Research Excellence Award” Committee, Academy of Human Resource Development |
| 2018 | Member of the “Best Paper Award” Committee of the joint EARLI SIG 17 “Methods in Learning Research” & SIG 25 “Educational Theory” Conference, Cambridge, England |
| 2017 | Member of the “Best Paper Award” Committee, 21st Conference of Junior Researchers of EARLI, Tampere, Finland |
| 2016 | Chair of the Organizing Committee, EARLI SIG 17 “Methods in Learning Research” Conference, Maastricht, the Netherlands |
| 2015 | Member of the “Outstanding Publication Award” Committee, 16th Biennial EARLI Conference, Limassol, Cyprus |
| 2013-2017 | Ex-officio member of the EARLI Strategy Council |
| 2013-2017 | Co-coordinator of the EARLI SIG 17 “Qualitative and Quantitative Approaches to Learning and Instruction” ¹ |
| 2014 | Member of the Scientific Advisory Committee of the joint EARLI SIG 4 “Higher Education” & SIG 17 “Qualitative and Quantitative Approaches to Learning and Instruction” Conference, Leuven, Belgium |

¹ 2016 renamed in „Methods in Learning Research“

2014	Member of the Scientific Advisory Committee, International Conference of Computer Supported Education and Information Technology (ICCSEIT), Abu Dhabi
2013	Member of the Organizing Committee, EARLI 2013 Conference, Munich, Germany
2013	Member of the Organizing Committee, JURE Conference, Munich, Germany
2012	Member of the Scientific Advisory Committee, EARLI SIG 14 "Learning and Professional Development" Conference, Antwerp, Belgium
2011	Member of the "Best Paper Award" Committee, JURE Conference, Exeter, England
2010	Chair of the Program Committee and Webmaster, JURE Conference, Frankfurt am Main, Germany
2009	Member of the Scientific Advisory Committee, 4th European Conference on Technology Enhanced Learning (EC-TEL), Nice, France

Local

2020	Mentor in the diversity mentoring program <i>mentUP*</i> , University of Passau, Germany
2019-date	Coordinator of the module "Digital Competence" of the bachelor degree program "Nursing Education", Deggendorf Institute of Technology, Germany
2017-date	Coordinator of the module "Quality Management" of the bachelor degree program "Technology Management", Deggendorf Institute of Technology, Germany
2015-2016	Coordinator of the modules "Learning Environments" of the joint master degree program "Health Professions Education", Maastricht University, the Netherlands
2014-2015	Coordinator of the certificate course "Workplace-Based Learning", Maastricht University, the Netherlands
2013-2014	Member of the selection committees for the master degree programs "Research on Teaching and Learning" and "Naturwissenschaftliche Bildung", TUM School of Education, Munich, Germany
2012-2014	Coordinator of the modules "Institutions in the International Context of Educational Systems" of the master degree program "Research on Teaching and Learning", TUM School of Education, Munich, Germany
2012-2014	Webmaster, Lehrstuhl für Schulpädagogik, TUM School of Education, Germany
2010	Contact person for participants, 4th Annual Meeting of Research on Learning, University of Turku, Finland
2007	Technical assistant, 35th Congress of the Nordic Educational Research Association (NERA), Turku, Finland

7. Teaching Activities

7.1. Faculty of Education, University of Turku, Finland

Teaching in the master degree program "Learning, Learning Environments and Educational Systems (LLEES)". Teaching language: English

Winter term 2008	Methodology 1 (Seminar, 5 ECTS)
Summer term 2009	Methodology 2 (Seminar, 4 ECTS)
Winter term 2009	Methodology 1 (Seminar, 5 ECTS) Learning in Corporate and Higher Education Settings (Seminar, 1 ECTS)
Summer term 2010	Methodology 2 (Seminar, 4 ECTS)
Winter term 2010	Methodology 1 (Seminar, 5 ECTS) Introduction to Empirical Data Collection (Seminar, 4/5 ECTS) Skill Acquisition and Development of Expertise (Seminar, 4/5 ECTS)

Summer term 2011	Methodology 2 (Seminar, 4 ECTS)
Winter term 2011	Methodology 1 (Seminar, 5 ECTS) Introduction to Empirical Data Collection (Seminar, 4/5 ECTS) Learning, Motivation, and Learning Environments (Seminar, 4/5 ECTS)

7.2. TUM School of Education, Technical University of Munich, Germany

Teaching in the teacher education programs “Lehramt berufliche Schulen” and “Lehramt Gymnasium” as well as in the master degree program “Research on Teaching and Learning (RTL)”. Teaching languages: English and German

Summer term 2012	Methoden der empirischen Bildungsforschung (Seminar, 3 ECTS) Schulentwicklung und Beratung (Seminar, 2/3 ECTS)
Winter term 2012	Organisation and Management in Educational Systems (Seminar, 2/3 ECTS) Project Seminar (Seminar, 5 ECTS)
Summer term 2013	Evaluating Vocational Education and Workplace Training (Seminar, 1 ECTS) Schulentwicklung und Beratung (Seminar, 2/3 ECTS) Quality Development by Professionalization (Seminar, 3 ECTS)
Winter term 2013	Organisation and Management in Educational Systems (Seminar, 2/3 ECTS) Project Seminar (Seminar, 5 ECTS)

7.3. School of Health Professions Education, Maastricht University, the Netherlands

Teaching in the master degree program “Health Professions Education (MHPE)” and the joint master program “Health Professions Education (JMHE)” with the Suez Canal University (Egypt). Teaching language: English

Summer term 2014	Assessment and Evaluation (Seminar, 5 ECTS) Learning and Cognition (Seminar, 5 ECTS)
Winter term 2014	Curriculum Analysis and Course Design (Seminar, 5 ECTS) Learning Environments (Seminar, 5 ECTS)
Summer term 2015	Advanced Quantitative and Qualitative Research (Seminar, 5 ECTS) Quantitative and Qualitative Research (Seminar, 4 ECTS)
Winter term 2015	Advanced Quantitative and Qualitative Research (Seminar, 5 ECTS) Curriculum Analysis and Course Design (Seminar, 5 ECTS) Learning Environments (Seminar, 5 ECTS) Nature of Learning and Learning Environments (Seminar, 5 ECTS) Development of Professional Skills (Seminar, 5 ECTS)

7.4. Linz School of Education, Johannes Kepler University Linz, Austria

Teaching in the Diplomstudium “Wirtschaftspädagogik”. Teaching language: English²

Winter term 2015	Erziehungswissenschaft: Schwerpunkt 1 (Seminar, 4 ECTS)
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² Students decided to have the course in English.

7.5. Center for Academic Further Education, Deggendorf Institute of Technology, Germany

Teaching in the bachelor degree programs “Technologiemanagement”, “Pädagogik im Rettungswesen”, “Pflegepädagogik”, and “Angewandte Wirtschaftspsychologie”. Teaching language: German

Summer term 2017	Qualitätsmanagement (Seminar, 5 ECTS)
Summer term 2018	Qualitätsmanagement (Seminar, 5 ECTS)
Summer term 2019	Arbeitspsychologie (Seminar, 4 ECTS)
Winter term 2019	Pädagogische Psychologie (Lecture, 5 ECTS) Qualitätsmanagement (Seminar, 5 ECTS)
Summer term 2020	Digitale Kompetenz in der Lehre (Seminar, 5 ECTS)

7.6. Faculty of Human Sciences, University of Regensburg, Germany

Teaching in the bachelor degree program “Erziehungswissenschaft”. Teaching language: German³

Winter term 2018	The Power of Expertise (Seminar, 5 ECTS)
Summer term 2019	Digital Learning: What Really Works (Seminar, 5 ECTS)
Winter term 2019	The Power of Expertise (Seminar, 5 ECTS)

7.7. Faculty of Philosophy, University of Passau, Germany

Teaching in all teacher education programs, the master degree program “Bildungs- und Erziehungsprozesse”, as well as the bachelor and master degree programs “Medien und Kommunikation (MuK)”. Teaching language: German

Summer term 2019	Einführung in die Entwicklungspsychologie (Lecture, 3 ECTS) Lehren und Lernen mit digitalen Medien (Seminar, 3/5 ECTS) Motivation und Lernen bei Kindern und Jugendlichen (Lecture, 3 ECTS) Multimedia Learning (Seminar, 5/10 ECTS) Oberseminar der Psychologie und Musikpädagogik (Seminar, 3 ECTS)
Winter term 2019	Bildungsungleichheit, Schule und Familie (Seminar, 3 ECTS) Digitale Professionsforschung (Seminar, 5/10 ECTS) Einführung in die Entwicklungspsychologie (Lecture, 3 ECTS) Lehren und Lernen mit digitalen Medien (Seminar, 3/5 ECTS) Oberseminar der Psychologie und Musikpädagogik (Seminar, 3 ECTS)
Summer term 2020	Digital Teaching (Seminar, 5/10 ECTS) Forschungspraktikum (Internship, 5 ECTS) Lehren und Lernen mit digitalen Medien (Seminar, 3/5 ECTS) Oberseminar der Psychologie und Musikpädagogik (Seminar, 3 ECTS) Vielfalt, Gender und Schule (Seminar, 3 ECTS)

³ Students decided to have the courses in German.

7.8. Workshops and Faculty Development Programs

24. **Gegenfurtner, A.** (2020). *Meta-analysis*. Workshop at the Vienna Autumn School of Methods (VASOM), University of Vienna, Austria, on 11-12 September 2020.
23. **Gegenfurtner, A.** (2020). *Konzeption von Forschungssynthesen: Themenfindung, Recherche, Kodierung*. Workshop at the ZIB-Akademie 2020, Technische Universität München, Germany, on 29 July 2020.⁴
22. **Gegenfurtner, A.** (2020). *A primer on meta-analysis*. Webinar for the Virtual MethodLab of the EARLI SIG 17 “Methods in Learning Research”, on 30 March 2020.
21. **Gegenfurtner, A.** (2019). *Academic presenting*. Workshop at the JURE Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany, on 11 August 2019.
20. **Gegenfurtner, A.** (2018). *Einführung in die Meta-Analyse*. Workshop at the Bergische Universität Wuppertal, Germany, on 23 May 2018.
19. Lewalter, D., **Gegenfurtner, A.**, & Braukmann, A. (2018). *Meta-Analyse*. Workshop at the TUM School of Education, Munich, Germany on 05 March 2018.
18. **Gegenfurtner, A.** (2018). *Dem “guten” Unterricht auf der Spur: Lerntransfer und Expertise von Lehrkräften*. Faculty development program at the Schulzentrum HTL HAK Ungargasse, Vienna, Austria, on 28 February 2018.
17. **Gegenfurtner, A.** (2018). *Introduction to Meta-Analysis*. Workshop at the University of Turku, Finland, on 12-14 February 2018.
16. **Gegenfurtner, A.** (2017). *Dem “guten” Unterricht auf der Spur: Lerntransfer und Expertise von Lehrkräften*. Faculty development program at the HTL:impuls, Retz, Austria, on 18 October 2017.
15. **Gegenfurtner, A.** (2017). *Meta-analysis in learning research*. Workshop at the JURE Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland, on 27 August 2017.
14. **Gegenfurtner, A.** (2017). *Einführung in die Meta-Analyse*. Workshop at the PSI Spring School, University of Potsdam, Germany, on 3-4 April 2017.
13. **Gegenfurtner, A.** (2016). *Meta-analysis in educational research*. Workshop at the Summer School of the European Educational Research Association, Linz, Austria, on 14 July 2016.
12. **Gegenfurtner, A.** (2016). *Introduction to mixed methods research*. Workshop at the JURE Conference of the European Association for Research on Learning and Instruction (EARLI), on 04 July 2016.
11. **Gegenfurtner, A.** (2016). *Introduction to meta-analysis*. Workshop at the University of Turku, Finland, on 10-12 February 2016.
10. **Gegenfurtner, A.** (2015). *Meta-Analyse in der empirischen Unterrichtsforschung*. Workshop at the ZiLL-Summer School of the Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany, on 23-24 July 2015.
9. **Gegenfurtner, A.** (2015). *Doing mixed methods in educational research*. Workshop at the Maastricht University, the Netherlands, on 01 June 2015.
8. **Gegenfurtner, A.** (2015). *What motivates trainees? Lessons learned from research on the effectiveness of training*. Workshop at the Management of Learning (MoL) Day, Maastricht University, the Netherlands, on 14 April 2015.
7. **Gegenfurtner, A.** (2015). *Motivation und Führung in Teams*. Workshop for the Kreisjugendring Deggendorf, Germany, on 21 February 2015.
6. **Gegenfurtner, A.** (2015). *Introduction to meta-analysis*. Workshop at the University of Turku, Finland, on 2-6 February 2015.
5. **Gegenfurtner, A.** (2014). *Meta-Analyse in der Bildungsforschung*. Workshop for the Emerging Researcher Group of the Österreichische Gesellschaft für Forschung und Entwicklung im Bildungswesen (ÖFEB), Johannes Kepler University Linz, Austria, on 14-15 November 2014.
4. **Gegenfurtner, A.**, & Helm, C. (2014). *Conceptualizing and measuring professional knowledge*.

⁴ Workshop postponed due to the SARS-CoV-2 pandemic.

- Workshop at the ICO International Fall School, Blankenberge, Belgium, on 11-12 November 2014.
3. **Gegenfurtner, A.** (2013). *Introduction to meta-analysis*. Workshop at the University of Turku, Finland, on 7-9 October 2013.
 2. **Gegenfurtner, A.** (2013). *Meta-analysis in research on learning and instruction*. Workshop at the JURE Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany, on 26-27 August 2013.
 1. **Gegenfurtner, A., & Laine, E.** (2012). *Meta-analysis in research on learning and instruction*. Workshop at the JURE Conference of the European Association for Research on Learning and Instruction (EARLI), Regensburg, Germany, on 23 July 2012.

8. Publications

8.1. Monographs

5. Hagenauer, G., **Gegenfurtner, A.**, & Gläser-Zikuda, M. (in preparation). *Grundlagen und Anwendung von Mixed Methods in der empirischen Bildungsforschung*. Waxmann.
4. **Gegenfurtner, A.** (2020). *Professional vision and visual expertise*. University of Regensburg.
3. Todd, A., Boivin, P., Ramírez, J. B., Surian, A., Markauskaite, L., Billett, S., Kaye, T., Hofmann, R., Felix, S., Tomasik, M. J., Van Campen, C., Koh, E., **Gegenfurtner, A.**, Newell, S., Wijnia, L., Muukkonen, H., & Detienne, L. (2019). *21st century learning environments*. Lifelong Learning Platform.
2. Technische Hochschule Deggendorf (2018). *Deggendorfer Distance Learning Modell zur Stärkung der Region Niederbayern und der Förderung der akademischen Weiterbildung in ländlich strukturierten Gebieten*. Ebner.
1. **Gegenfurtner, A.** (2011). *Motivational influences on transfer: Dimensions and boundary conditions*. Painosalama.

8.2. Edited Special Issues

6. **Gegenfurtner, A.**, Fryer, L., Järvelä, S., Harackiewicz, J., & Narciss, S. (Eds.). (2020). Affective learning in digital education [research topic]. *Frontiers in Education*.
5. **Gegenfurtner, A.**, Schmidt-Hertha, B., & Lewis, P. (Eds.). (2020). Digital technologies in training and adult education [special issue]. *International Journal of Training and Development*, 24(1).
4. **Gegenfurtner, A.**, & Van Merriënboer, J. J. G. (Eds.). (2017). Methodologies for studying visual expertise [special issue]. *Frontline Learning Research*, 5(3).
3. Gorges, J., **Gegenfurtner, A.**, & Kuper, H. (Eds.). (2015). Motivationsforschung im Weiterbildungskontext [special issue]. *Zeitschrift für Erziehungswissenschaft*, 18(S1).
2. **Gegenfurtner, A.**, & Hagenauer, G. (Eds.). (2013). Achievement goals and achievement goal orientations in education [special issue]. *International Journal of Educational Research*, 61.
1. Segers, M., & **Gegenfurtner, A.** (Eds.). (2013). Transfer of training: New conceptualizations through integrated research perspectives [special issue]. *Educational Research Review*, 8.

8.3. Peer-Reviewed Journal Articles

In Press

61. **Gegenfurtner, A.**, Fryer, L., Järvelä, S., Harackiewicz, J., & Narciss, S. (in press). Affective learning in digital education. *Frontiers in Education*.
60. **Gegenfurtner, A.**, Lewalter, D., Lehtinen, E., Schmidt, M., & Gruber, H. (in press). Teacher

expertise and professional vision: Examining knowledge-based reasoning of pre-service teachers, in-service teachers, and school principals. *Frontiers in Education*.

<https://doi.org/10.3389/feduc.2020.00059>

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16. **Gegenfurtner, A.**, Vauras, M., & Veermans, K. (2012). Is computer support more significant than collaboration in promoting self-efficacy and transfer? In J. van Aalst, K. Thompson, M. J. Jacobson, & P. Reimann (Eds.), *The future of learning* (Vol. 1, pp. 220–226). ISLS. *
15. **Gegenfurtner, A.**, Veermans, K., & Vauras, M. (2012). How CSCL moderates the influence of self-efficacy on students' transfer of learning. In A. Ravenscroft, S. Lindstaedt, & C. Delgado Kloos (Eds.), *21st century learning for 21st century skills* (pp. 93–102). Springer.
https://doi.org/10.1007/978-3-642-33263-0_8 *
14. Laine, E., & **Gegenfurtner, A.** (2012). Stability and change in achievement goals and transfer. In J. van Aalst, K. Thompson, M. J. Jacobson, & P. Reimann (Eds.), *The future of learning* (Vol. 2, pp. 517–518). ISLS. *
13. Seppänen, M., & **Gegenfurtner, A.** (2012). Can technology-based gaze replays of experts model diagnostic performance of novices? A test in medical education. In J. van Aalst, K. Thompson, M. J. Jacobson, & P. Reimann (Eds.), *The future of learning* (Vol. 2, pp. 459–460). ISLS. *
12. Seppänen, M., & **Gegenfurtner, A.** (2012). Technology-enhanced replays of expert gaze promote students' visual learning in medical training. In A. Ravenscroft, S. Lindstaedt, & C. Delgado Kloos (Eds.), *21st century learning for 21st century skills* (p. 549). Springer.
https://doi.org/10.1007/978-3-642-33263-0_65 *
11. Tarelli, I., Lankes, E.-M., Drossel, K., & **Gegenfurtner, A.** (2012). Lehr- und Lernbedingungen an Grundschulen im internationalen Vergleich. In W. Bos, I. Tarelli, A. Bremerich-Voss, & K. Schwippert (Hrsg.), *IGLU 2011. Lesekompetenzen von Grundschulkindern in Deutschland im internationalen Vergleich* (S. 137–173). Waxmann. *

2010

10. **Gegenfurtner, A.**, & Siewiorek, A. (2010). The many dimensions of having a good eye: A methodological reflection of metaphors in visual cognition analysis. In K. Gomez, L. Lyons, & J. Radinsky (Eds.), *Learning in the disciplines* (Vol. 1, pp. 508–515). ISLS. *
9. **Gegenfurtner, A.**, Vauras, M., Gruber, H., & Festner, D. (2010). Motivation to transfer revisited. In K. Gomez, L. Lyons, & J. Radinsky (Eds.), *Learning in the disciplines* (Vol. 1, pp. 452–459). ISLS. *
8. Siewiorek, A., & **Gegenfurtner, A.** (2010). Leading to win: The influence of leadership style on team performance during a computer game training. In K. Gomez, L. Lyons, & J. Radinsky (Eds.), *Learning in the disciplines* (Vol. 1, pp. 524–531). ISLS. *

2009

7. **Gegenfurtner, A.** (2009). Ontogenetic and sociogenetic perspectives on learning, technology, and medical image diagnosis. In A. Dimitracopoulou, C. O'Malley, D. Suthers, & P. Reimann (Eds.), *Computer supported collaborative learning practices* (Vol. 2, pp. 252–254). ISLS. *
6. **Gegenfurtner, A.** (2009). What is seen on the screen? Exploring collaborative interpretation, representational tools, and disciplined perception in medicine. In A. Dimitracopoulou, C. O'Malley, D. Suthers, & P. Reimann (Eds.), *Computer supported collaborative learning practices* (Vol. 2, pp. 71–72). ISLS. *
5. **Gegenfurtner, A.**, Nivala, M., Säljö, R., & Lehtinen, E. (2009). Capturing individual and institutional change: Exploring horizontal versus vertical transitions in technology-rich environments. In U. Cress, V. Dimitrova, & M. Specht (Eds.), *Learning in the synergy of multiple disciplines. Lecture Notes in Computer Science* (pp. 676–681). Springer.
https://doi.org/10.1007/978-3-642-04636-0_67 *

2008

4. **Gegenfurtner, A.** & Gruber, H. (2008). Antecedents of extrinsic motivation to transfer training. In H. Malloch (Ed.), *Proceedings of the 9th International Conference on Human Resource Development Research and Practice across Europe*. Lille: IESEG School of Management. *

2007

3. **Gegenfurtner, A.** (2007). *On predicting two dimensions of extrinsic motivation to transfer training* [unpublished diploma thesis]. University of Regensburg.

2006

2. Festner, D., Babichenko, A., **Gegenfurtner, A.** Meier, B., Schmid, S., & Gruber, H. (2006). *Transfer - Literaturlauswertung*. Expertise für das Bundesgenossenschaftliche Institut für Arbeit und Gesundheit (BGAG), Dresden.
1. **Gegenfurtner, A.**, Hies, K., Hofmann, V., Jahn, G., Lehner, F., Mattern, J., & Nikitopoulos, A. (2006). Fehlerkultur. In S. Weisweiler, M. Sauerland, D. Walch, & M. Hammerl (Eds.), *Mitarbeiterqualifizierung und -mobilität: Einflussfaktoren und Auswirkungen des flexiblen Mitarbeiterinsatzes im logistischen Umfeld* (pp. 94–153). Bayerischer Forschungsverbund.

9. Presentations

9.1. Peer-Reviewed Conference Presentations

2020⁵

116. **Gegenfurtner, A.** (2020, September). *Eye tracking as a method to study teacher noticing in the classroom*. Paper to be presented virtually at the EARLI SIG 17 “Methods in Learning Research” Conference, Vienna, Austria.
115. Hauser, F., Schreistetter, S., Reuter, R., **Gegenfurtner, A.**, Gruber, H., & Mottok, J. (2020, September). *How differs the expert from the novice? An eye tracking study on code reviews in C++*. Paper to be presented virtually at the EARLI SIG 17 “Methods in Learning Research” Conference, Vienna, Austria.

2019

114. Hauser, F., Reuter, R., **Gegenfurtner, A.**, Gruber, H., & Mottok, J. (2019, November). *Eye movements in software modelling – What do they tell us about heuristics?* Paper presented at the 12th Annual International Conference of Education, Research and Innovation (ICERI2019), Sevilla, Spain.
113. Ebner, C., & **Gegenfurtner, A.** (2019, September). *Wie effektiv sind Webkonferenzen in der Lehre? Eine Meta-Analyse*. Paper presented at the Jahrestagung der Deutsche Gesellschaft für wissenschaftliche Weiterbildung und Fernstudium, Ulm, Germany.
112. **Gegenfurtner, A.**, Szulewski, A., Egan, R., Howes, D., Dashi, G., McGraw, N. C. J., Hall, A. K., Dagnone, D., & Van Merriënboer, J. J. G. (2019, August). *A new way to look at simulation-based assessment: The relationship between gaze-tracking and exam performance*. Paper presented at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany.
111. **Gegenfurtner, A.**, & Ebner, C. (2019, August). *Webinars in higher education and professional training: A meta-analysis*. Paper presented at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany.
110. Hauser, F., Reuter, R., **Gegenfurtner, A.**, Gruber, H., Mottok, J., & Hutzler, I. (2019, August). *Heuristics in the modelling of UML diagrams - An eye tracking study*. Poster presented at the 18th Biennial Conference of the European Association for Research on Learning and

⁵ Due to the SARS-CoV-2 pandemic, many conference events have been canceled in 2020. The two papers at the EARLI SIG 17 “Methods in Learning Research” Conference in Vienna are going to be presented virtually.

- Instruction (EARLI), Aachen, Germany.
109. Reuter, R., Langer, T., Hauser, F., Muckelbauer, D., **Gegenfurtner, A.**, Mottok, J., & Wolff, C. (2019, August). *Automatic generation of dynamic areas of interest (AOI) in eye tracking research: The case of software engineering?* Poster presented at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany.
 108. Wagner, M., **Gegenfurtner, A.**, & Urhahne, D. (2019, August). *Effectiveness of the flipped classroom in K-12 education: A meta-analysis.* Paper presented at the 18th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Aachen, Germany.
 107. **Gegenfurtner, A.**, & Ebner, C. (2019, April). *Wie effektiv sind Webkonferenzen in der Lehre? Eine Meta-Analyse.* Paper presented at the Tag der Forschung, Deggendorf Institute of Technology, Deggendorf, Germany.

2018

106. **Gegenfurtner, A.**, Boucheix, J.-M., Gruber, H., Hauser, F., Lehtinen, E., & Lowe, R. K. (2018, September). *Der Gaze Relational Index als Indikator visueller Expertise.* Paper presented at the 51st Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Frankfurt am Main, Germany.
105. **Gegenfurtner, A.**, & Knogler, M. (2018, September). *Entwicklung eines Instruments zur Messung von Transferinteresse in der Erwachsenen- und Weiterbildung.* Paper presented at the 51st Conference of the Deutsche Gesellschaft für Psychologie (DGPs), Frankfurt am Main, Germany.
104. Heyligers, I., Kok, E. M., De Bruin, A. B., Van Geel, K., **Gegenfurtner, A.**, & Sorger, B. (2018, August). *The neural implementation of surgical expertise within the mirror-neuron system: An fMRI study.* Poster presented at the Association for Medical Education in Europe (AMEE) Conference, Basel, Switzerland.
103. **Gegenfurtner, A.** (2018, August). *Metaphors as analytic tools to dialogue between theory and methods.* Paper presented at the joint EARLI SIG 17 "Methods in Learning Research" & SIG 25 "Educational Theory" Conference, Cambridge, United Kingdom.
102. **Gegenfurtner, A.**, Gruber, H., Lehtinen, E., Lewalter, D., Khmelivska, T., Holmqvist, K., & Vermunt, J. (2018, August). *What do we look at: Units of analysis in eye tracking research on teacher expertise.* Paper presented at the joint EARLI SIG 17 "Methods in Learning Research" & SIG 25 "Educational Theory" Conference, Cambridge, United Kingdom.
101. Hauser, F., **Gegenfurtner, A.**, Hutzler, I., Reuter, R., Gruber, H., Holmqvist, K., & Mottok, J. (2018, August). *Eye movement patterns in source code review – An eye tracking study.* Paper presented at the joint EARLI SIG 17 "Methods in Learning Research" & SIG 25 "Educational Theory" Conference, Cambridge, United Kingdom.
100. **Gegenfurtner, A.** (2018, August). *Testing gender similarities: Subjective task value and motivation to transfer in adult education.* Paper presented at the 16th International Conference on Motivation (ICM), Aarhus, Denmark.
99. **Gegenfurtner, A.**, Braukmann, A., Lewalter, D., & Renninger, K. A. (2018, August). *Interest in informal learning environments: A meta-analysis.* Poster presented at the 16th International Conference on Motivation (ICM), Aarhus, Denmark.

2017

98. Reitmaier-Krebs, M., **Gegenfurtner, A.**, & Weng, G. (2017, September). *DEG-DLM: Brückenkurs Mathematik für heterogene Gruppen.* Poster presented at the 3rd Symposium zur Hochschullehre in den MINT-Fächern, Nürnberg, Germany.
97. **Gegenfurtner, A.**, & Hellwig, M. (2017, September): *Reconstructing the "why": A qualitative interview study on transfer of training.* Paper presented at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
96. **Gegenfurtner, A.** (2017, September). Discussant in symposium *Eye tracking as a method in*

- learning and testing with different representations* at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
95. **Gegenfurtner, A.**, Fisch, K., & Reitmaier-Krebs, M. (2017, August). *Training reactions as predictors of autonomous and controlled motivation to transfer*. Roundtable presented at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
 94. Froehlich, D., **Gegenfurtner, A.**, & Damşa, C. (2017, August). *Assessing contemporary research on agency – a methodological perspective*. Paper presented at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
 93. **Gegenfurtner, A.**, Fisch, K., & Reitmaier-Krebs, M. (2017, März). *Disziplinäre Fachkultur als Einflussgröße auf die studentische Akzeptanz von E-Learning-Angeboten an Hochschulen*. Paper presented at the 12th Jahrestagung der Gesellschaft für Hochschulforschung (GfHf), Hannover, Germany.
 92. **Gegenfurtner, A.**, Reitmaier-Krebs, M., Fisch, K., Oswald, A., Resch, C., Weng, G., Stern, W., & Zitt, A. (2017, März). *Reaktionen nicht-traditionell Studierender auf innovative Weiterbildungsangebote: Eine Evaluationsstudie in der berufsbegleitenden Weiterbildung*. Poster presented at the Tag der Forschung, Deggendorf Institute of Technology, Germany.
 91. Abdul Rahman, N. F., **Gegenfurtner, A.**, & De Bruin, A. B. H. (2017, January). *Mind the gap! Deliberate practice in teaching clinical reasoning in primary care*. Poster presented at the 14th Asia Pacific Medical Education Conference, Singapore.

2016

90. Van Geel, K., Kok, E., **Gegenfurtner, A.**, Robben, S. G. F., & Van Merriënboer, J. J. G. (2016, August). *Developing visual expertise in radiology: A longitudinal observational eye-tracking and think-aloud study*. Paper presented at the EARLI SIG 17 “Qualitative and Quantitative Approaches to Research on Learning and Instruction” Conference, Maastricht, the Netherlands.
89. Kok, E., De Bruin, A., Heyligers, I., **Gegenfurtner, A.**, Robben, S. G. F., Van Geel, K., Sorger, B., Dolmans, D., & Van Merriënboer, J. J. G. (2016, August). *Neuropsychological correlates of expertise in real-life tasks: Achieving ecological validity in fMRI research*. PechaKucha presented at the EARLI SIG 17 “Qualitative and Quantitative Approaches to Research on Learning and Instruction” Conference, Maastricht, the Netherlands.
88. **Gegenfurtner, A.**, Kok, E., Van Geel, K., De Bruin, A., Jarodzka, H., & Van Merriënboer, J. J. G. (2016, August). *Challenges in studying visual expertise in medical image diagnosis*. Paper presented at the EARLI SIG 17 “Qualitative and Quantitative Approaches to Research on Learning and Instruction” Conference, Maastricht, the Netherlands.
87. **Gegenfurtner, A.** (2016, August). Discussant in symposium *Tracing interest development in daily life: the need for idiosyncratic and ecological methodology at the EARLI SIG 17 “Qualitative and Quantitative Approaches to Research on Learning and Instruction”* Conference, Maastricht, the Netherlands.
86. Böhm, M., Mägdefrau, J., Michler, A., **Gegenfurtner, A.**, & Jonas, K. (2016, August). *Triggering students’ use of cognitive learning strategies in history classes through instructional prompts: Situational interest matters*. Paper presented at the International Conference of Motivation (ICM), Thessaloniki, Greece.
85. Jonas, K., Mägdefrau, J., **Gegenfurtner, A.**, Michler, A., & Böhm, M. (2016, August). *Do learning strategies matter at all? Mediation effects of task specific deep-processing strategies on the relationship between situational interest and achievement in history classes*. Paper presented at the International Conference of Motivation (ICM), Thessaloniki, Greece.
84. Lehtinen, E., & **Gegenfurtner, A.** (2016, June). *Vertical and horizontal transitions toward expertise: A conceptual change perspective*. Paper presented at the 10th International Conference on Conceptual Change, Florina, Greece.

2015

83. Kok, E., **Gegenfurtner, A.**, de Bruin A., & van Merriënboer, J. (2015, October). *Neuropsychological correlates of observational learning in real-life tasks*. Paper presented at the “Providing Support for Student Learning: Cornerstone Findings, Implications and Recommendations from Cognitive Psychology for the Teaching of STEM (Science, Technology, Engineering and Mathematics)” network meeting, Leuven, Belgium.
82. **Gegenfurtner, A.**, Khmelivska, T., Ottinger, S., Reinhold, S., & Schmidt, M. (2015, August). *How head teachers process visual information: An eye tracking experiment*. Paper presented at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
81. **Gegenfurtner, A.** (2015, August). Discussant in symposium *Heterogeneity of learning motivation* at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
80. Testers, L., **Gegenfurtner, A.**, & Brand-Gruwel, S. (2015, August). *Intention to transfer: Environmental factors influencing transfer intentions in study and work contexts*. Paper presented at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
79. **Gegenfurtner, A.**, Säljö, R., & Lehtinen, E. (2015, August). *Learning visual practices in radiology*. Paper presented at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
78. Kok, E., de Bruin A., Heyligers, I., **Gegenfurtner, A.**, Robben, S., Sorger, B., Dolmans, D., & van Merriënboer, J. (2015, August). *Studying doctors’ brains: Using fMRI to investigate medical expertise*. Poster presentation at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
77. Testers, L., **Gegenfurtner, A.**, & Brand-Gruwel, S. (2015, June). *How study and work contexts influence motivation to transfer in an online information literacy course*. Paper presented at the 44th Annual International Conference of School Librarianship, Maastricht, the Netherlands.

2014

76. **Gegenfurtner, A.**, & Quesada-Pallarès, C. (2014, September). *Digitale Simulationen und ihr Einfluss auf Selbstwirksamkeit und Lerntransfer*. Paper presented at the 79th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Hamburg, Germany.
75. **Gegenfurtner, A.** (2014, August). *Patterns of cognitive flexibility and adaptive expertise in older workers*. Paper presented at the 7th EARLI SIG 14 “Learning and Professional Development” Conference, Oslo, Norway.
74. Hellwig, M., & **Gegenfurtner, A.** (2014, August). *Measuring transfer goals with mixed methods in the training of higher education teachers*. Paper presented at the joint EARLI SIG 4 “Higher Education” & SIG 17 “Methods in Learning Research” Conference, Leuven, Belgium.
73. Schmidt, M., & **Gegenfurtner, A.** (2014, July). *Differences in knowledge-based reasoning between expert and novice teachers during classroom perception*. Paper presented at the 18th Conference of Junior Researchers (JURE) of EARLI, Nicosia, Cyprus.
72. Khmelivska, T., & **Gegenfurtner, A.** (2014, July). *Teacher noticing: Differences between evaluators, teaching experts, and pre-service teachers in the visual perception of classroom information*. Paper presented at the 18th Conference of Junior Researchers (JURE) of EARLI, Nicosia, Cyprus.
71. Reinhold, S., & **Gegenfurtner, A.** (2014, July). *Relationships between social support, motivation, and transfer: A meta-analytic structural equation model*. Paper presented at the 18th Conference of Junior Researchers (JURE) of EARLI, Nicosia, Cyprus.
70. **Gegenfurtner, A.**, & Hellwig, M. (2014, June). *Productive tensions: Triangulating qualitative and quantitative constructions in goal research*. Paper presented at the 14th International Conference of Motivation (ICM), Helsinki, Finland.
69. Veermans, M., & **Gegenfurtner, A.** (2014, June). *Situational interest in higher education*. Paper presented at the 14th International Conference of Motivation (ICM), Helsinki, Finland.
68. Quesada-Pallarès, C., & **Gegenfurtner, A.** (2014, June). *Is it possible to use intention to*

- transfer as a proxy for transfer of training?* Paper presented at the 14th International Conference of Motivation (ICM), Helsinki, Finland.
67. Gebhardt, M., **Gegenfurtner, A.**, Schwab, S., & Krammer, M. (2014, April). *General and special education teachers' perception of teamwork at primary and secondary school levels*. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, USA.
 66. Knogler, M., Harackiewicz, J., **Gegenfurtner, A.**, & Lewalter, D. (2014, April). *Situational interest: Do we measure states? Applying latent-strait-analysis to interest theory*. Poster presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, USA.
 65. **Gegenfurtner, A.**, Kosmajac, N., Knogler, M., & Gebhardt, M. (2014, April). *Degrees of autonomy in training participation: What are the consequences?* Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Philadelphia, USA.
 64. **Gegenfurtner, A.**, & Lankes, E.-M. (2014, März). *Kompetente Unterrichtswahrnehmung von Lehrkräften: Eine Eye Tracking-Studie*. Paper presented at the Conference of the Deutsche Gesellschaft für Erziehungswissenschaft (DGfE), Berlin, Germany.
- 2013
63. **Gegenfurtner, A.** (2013, September). *Zielorientierungen und Transfer in der Weiterbildung*. Paper presented at the 78th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Dortmund, Germany.
 62. Reinhold, S., **Gegenfurtner, A.**, Ottinger, S., Schmidt, M., & Lankes, E.-M. (2013, September). *Teacher Noticing: Eine Eye Tracking-Studie zur Untersuchung von Expertiseunterschieden in der professionellen Unterrichtswahrnehmung*. Poster presented at the 78th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Dortmund, Germany.
 61. Vaccaro, D., Lankes, E.-M., & **Gegenfurtner, A.** (2013, September). *Wie kommen Evaluationsteams zu ihrer Einschätzung der Unterrichtsqualität bei externen Evaluationen?* Paper presented at the 78th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Dortmund, Germany.
 60. Laine, E., **Gegenfurtner, A.**, & Knogler, M. (2013, September). *Stability or change? Effects of time lag and training length on achievement goal orientations and transfer of training*. Paper presented at the European Conference on Educational Research (ECER), Istanbul, Turkey.
 59. Knogler, M., Lewalter, D., & **Gegenfurtner, A.** (2013, September). *The role of achievement goal orientations in determining students' interest before and after a K-12 classroom intervention*. Paper presented at the European Conference on Educational Research (ECER), Istanbul, Turkey.
 58. **Gegenfurtner, A.**, Knogler, M., & Laine, E. (2013, September). *Which instructional design promotes learning goal orientations and transfer in professional training?* Paper presented at the European Conference on Educational Research (ECER), Istanbul, Turkey.
 57. **Gegenfurtner, A.** (2013, August). *How does the use of mixed methods enhance understanding?* Discussion in the symposium "Enhancing understanding by using mixed methods research" at the 15th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.
 56. Quesada-Pallarès, C., & **Gegenfurtner, A.** (2013, August). *Can transfer be predicted? A theoretical model on intent to transfer and implementation intentions*. Paper presented at the 15th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.
 55. Quesada-Pallarès, C., Knogler, M., & **Gegenfurtner, A.** (2013, August). *Meta-analysis as a tool for assessing motivation and regulation in digital simulations*. Paper presented at the 15th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.
 54. **Gegenfurtner, A.**, Reinhold, S., & Witting, E. (2013, August). *Making training sustainable: A meta-analytic structural equation modeling (MASEM) approach*. Paper presented at the 15th

- Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.
53. Quesada-Pallarès, C., & **Gegenfurtner, A.** (2013, July). *¿Se puede predecir la transferencia? Un modelo teórico basado en la intención de transferencia y la intención de implementación.* Paper presented at the 2nd Multidisciplinary International Conference on Educational Research, Tarragona, Spain.
 52. Knogler, M., **Gegenfurtner, A.**, & Quesada Pallarès, C. (2013, June). *Social design in digital simulations: Effects of single versus multi-player simulations on efficacy beliefs and transfer.* Paper presented at the 10th International Conference on Computer-Supported Collaborative Learning (CSCL), Madison, USA.
 51. Knogler, M., Lewalter, D., & **Gegenfurtner, A.** (2013, April). *Interest development in the K-12 problem-based learning classroom.* Paper presented at the Annual Meeting of the American Educational Research Association (AERA), San Francisco, USA.
 50. **Gegenfurtner, A.**, Knogler, M., Quesada-Pallarès, C., & Siewiorek, A. (2013, April). *Digital simulation-based learning environments and their effects on self-efficacy and transfer.* Poster presented at the Annual Meeting of the American Educational Research Association (AERA), San Francisco, USA.

2012

49. Seppänen, M., & **Gegenfurtner, A.** (2012, September). *Technology-enhanced replays of expert gaze promote students' visual learning in medical training.* Poster presented at the 7th European Conference of Technology Enhanced Learning (EC-TEL), Saarbrücken, Germany.
48. **Gegenfurtner, A.**, Veermans, K., & Vauras, M. (2012, September). *How CSCL moderates the influence of self-efficacy on students' transfer of learning.* Paper presented at the 7th European Conference of Technology Enhanced Learning (EC-TEL), Saarbrücken, Germany.
47. **Gegenfurtner, A.**, Kosmajac, N., & Laine, E. (2012, September). *Zum Einfluss von Zielorientierungen auf Trainingstransfer.* Paper presented at the 48th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bielefeld, Germany.
46. **Gegenfurtner, A.**, & Seppänen, M. (2012, September). *Unterstützung von Conceptual Change durch Augenbewegungsmodellierung im anatomischen Lernen.* Paper presented at the 48th Kongress der Deutschen Gesellschaft für Psychologie (DGPs), Bielefeld, Germany.
45. Reinhold, S., **Gegenfurtner, A.**, & Lankes, E.-M. (2012, September). *Unterrichtsentwicklung durch Vergleichsarbeiten? Eine Analyse von Verwendungshinweisen in VERA-Rückmeldungen.* Poster presented at the 77th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bielefeld, Germany.
44. Witting, E., **Gegenfurtner, A.**, & Lankes, E.-M. (2012, September). *Der Einfluss elterlichen Unterstützungsverhaltens auf die naturwissenschaftliche Kompetenz im Elementarbereich – Klärung geschlechtsspezifischer Kompetenzunterschiede.* Poster presented at the 77th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bielefeld, Germany.
43. **Gegenfurtner, A.**, & Quesada-Pallarès, C. (2012, September). *Lerntransfer in der betrieblichen Weiterbildung: Eine Strukturgleichungsanalyse.* Paper presented at the 77th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bielefeld, Germany.
42. **Gegenfurtner, A.**, Ottinger, S., Schmidt, M., & Lankes, E.-M. (2012, September). *Der Einfluss von Erfahrung auf die Entwicklung professioneller Unterrichtswahrnehmung: Eine Meta-Analyse.* Paper presented at the 77th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bielefeld, Germany.
41. **Gegenfurtner, A.** (2012, August). *Experts, tomographs, and sociogenetic types of adaptation to changing task constraints.* Paper presented at the 6th EARLI SIG 14 "Learning and Professional Development" Conference, Antwerp, Belgium.
40. Seppänen, M., & **Gegenfurtner, A.** (2012, August). *Promoting the transfer of expertise with eye movement modeling examples.* Paper presented at the 6th EARLI SIG 14 "Learning and Professional Development" Conference, Antwerp, Belgium.
39. Kosmajac, N., & **Gegenfurtner, A.** (2012, August). *Attendance policy moderates the influence*

- of achievement goals on transfer of training*. Paper presented at the 6th EARLI SIG 14 "Learning and Professional Development" Conference, Antwerp, Belgium.
38. **Gegenfurtner, A.**, Vauras, M., & Veermans, K. (2012, August). *Effects of computer support, collaboration, and time lag on self-efficacy and transfer*. Paper presented at the 13th International Conference on Motivation (ICM), Frankfurt, Germany.
 37. Kosmajac, N., & **Gegenfurtner, A.** (2012, August). *Attendance policy moderates the influence of achievement goals on transfer of training*. Paper presented at the 13th International Conference on Motivation (ICM), Frankfurt, Germany.
 36. Laine, E., & **Gegenfurtner, A.** (2012, July). *Long-term changes in achievement goals and transfer: A meta-analysis*. Paper presented at the 16th Conference of Junior Researchers (JURE) of EARLI, Regensburg, Germany.
 35. **Gegenfurtner, A.**, & Vauras, M., & Veermans, K. (2012, July). *Is computer support more significant than collaboration in promoting self-efficacy and transfer?* Paper presented at the 10th International Conference of the Learning Sciences (ICLS), Sydney, Australia.
 34. Seppänen, M., & **Gegenfurtner, A.** (2012, July). *Can technology-based gaze replays of experts model diagnostic performance of novices? A test in medical education*. Poster presented at the 10th International Conference of the Learning Sciences (ICLS), Sydney, Australia.
 33. Laine, E., & **Gegenfurtner, A.** (2012, July). *Stability and change in achievement goals and transfer*. Poster presented at the 10th International Conference of the Learning Sciences (ICLS), Sydney, Australia.
 32. **Gegenfurtner, A.**, Lehtinen, E., & Säljö, R. (2012, April). *Expertise differences in the comprehension of visualizations: A meta-analysis of eye-tracking research in professional domains*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Vancouver, Canada.
 31. **Gegenfurtner, A.**, & Vauras, M. (2012, April). *Age-related differences in the relation between motivation to learn and training transfer in adult education*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Vancouver, Canada.
- 2011
30. **Gegenfurtner, A.** (2011, September). *Dimensionen der Transfermotivation: Eine Längsschnittuntersuchung zu Korrelaten und Konsequenzen für Wissen, Transfer, und Einstellungsänderung*. Paper presented at the 76th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Klagenfurt, Austria.
 29. **Gegenfurtner, A.**, & Vauras, M. (2011, September). *Fakten und Fiktion zum Altersproblem in der Lehrerweiterbildung: Eine Meta-Analyse von 25 Jahren empirischer Forschung*. Poster presented at the 76th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Klagenfurt, Austria.
 28. **Gegenfurtner, A.**, Lehtinen, E., & Säljö R. (2011, September). *Expertiseunterschiede in der Interpretation visueller Medien: Eine Meta-Analyse von Eye-Tracking-Studien*. Paper presented at the 13th Fachgruppentagung „Pädagogische Psychologie“ der DGPs, Erfurt, Germany.
 27. **Gegenfurtner, A.** (2011, August). *Comparing three theories of visual expertise: A meta-analysis of eye movements*. Paper presented at the 14th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Exeter, United Kingdom.
 26. **Gegenfurtner, A.** (2011, August). *Effects of motivation on transfer: A meta-analysis*. Paper presented at the 14th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Exeter, United Kingdom.
 25. **Gegenfurtner, A.** (2011, August). *Technological change, transfer, and expertise development in dynamic domains*. Paper presented at the 15th Conference of Junior Researchers (JURE) of EARLI, Exeter, United Kingdom.
 24. **Gegenfurtner, A.**, Lehtinen, E., & Säljö, R. (2011, April). *Expertise differences in the comprehension of visualizations: A meta-analysis of eye-tracking research in professional domains*. Paper presented at the Division C Graduate Student Seminar of the American

- Educational Research Association (AERA), New Orleans, USA.
23. **Gegenfurtner, A.** (2011, April). *Uncovering mechanisms of visual expertise to inform the design of professional training*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), New Orleans, USA.
 22. **Gegenfurtner, A., Säljö, R., & Lehtinen, E.** (2011, March). *Wie sich Experten und Nichtexperten in der Interpretation visueller Medien unterscheiden: Eine Meta-Analyse von Eye-Tracking-Studien*. Poster presented at the 75th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bamberg, Germany.

2010

21. Hellwig, M., **Gegenfurtner, A.**, & Mulder, R. H. (2010, August). *Relations between actions and competence development at work*. Poster presented at the 5th EARLI SIG 14 "Learning and Professional Development" Conference, Munich, Germany.
20. **Gegenfurtner, A.**, Laine, E., & Üstün, U. (2010, August). *Moderating effects on the relation between training motivation and behavior change*. Paper presented at the 5th EARLI SIG 14 "Learning and Professional Development" Conference, Munich, Germany.
19. **Gegenfurtner, A.**, & Siewiorek, A. (2010, July). *The many dimensions of having a good eye: A methodological reflection of metaphors in visual cognition analysis*. Paper presented at the 9th International Conference of the Learning Sciences (ICLS), Chicago, USA.
18. **Gegenfurtner, A.**, Vauras, M., Gruber, H., & Festner, D. (2010, July). *Motivation to transfer revisited*. Paper presented at the 9th International Conference of the Learning Sciences (ICLS), Chicago, USA.
17. Siewiorek, A., & **Gegenfurtner, A.**, (2010, July). *Leading to win: The influence of leadership style on team performance during a computer game training*. Paper presented at the 9th International Conference of the Learning Sciences (ICLS), Chicago, USA.
16. **Gegenfurtner, A.**, Lehtinen, E., & Säljö, R. (2010, May). *Expertise in transition. On the analysis of individual and institutional change in technology-rich work environments*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Denver, USA.
15. Nivala, M., Säljö, R., Rystedt, H., **Gegenfurtner, A.**, Helle, L., & Lehtinen, E. (2010, May). *Technology-mediated learning in pathology: How collaborative use of virtual microscopy shapes students' reasoning*. Paper presented at the Annual Meeting of the American Educational Research Association (AERA), Denver, USA.

2009

14. **Gegenfurtner, A.** (2009, September). *Technology-mediated learning at work: Uncovering the evolution of seeing, understanding, and medical imaging*. Paper presented at the doctoral workshop of the 4th European Conference on Technology-Enhanced Learning (EC-TEL), Nice, France.
13. **Gegenfurtner, A.**, Nivala, M., Säljö, R., & Lehtinen, E. (2009, September). *Capturing individual and institutional change: Exploring horizontal versus vertical transitions in technology-rich environments*. Poster presented at the 4th European Conference on Technology Enhanced Learning (EC-TEL), Nice, France.
12. **Gegenfurtner, A.**, & Gruber, H. (2009, August). *Do intentions mediate the transfer process? Testing the theory of planned behaviour*. Paper presented at the 13th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Amsterdam, the Netherlands.
11. **Gegenfurtner, A.**, Helle, L., Nivala, M., Säljö, R., & Lehtinen, E. (2009, August). *Eye movements, medical images, and the analysis of human-computer interaction*. Round table paper presented at the 13th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Amsterdam, the Netherlands.
10. **Gegenfurtner, A.**, & Säljö, R. (2009, August). *Tensions between gaze, thinking, and technology: The development of professional vision in medical education*. Round table paper presented at the 13th Conference of Junior Researchers (JURE) of EARLI, Amsterdam, the

Netherlands.

9. **Gegenfurtner, A.** (2009, June). *What is seen on the screen? Exploring collaborative interpretation, representational tools, and disciplined perception in medicine.* Poster presented at the 8th International Conference on Computer Supported Collaborative Learning (CSCL), Rhodes, Greece.
8. **Gegenfurtner, A.** (2009, June). *Ontogenetic and sociogenetic perspectives on learning, technology, and medical image diagnosis.* Paper presented at the doctoral consortium workshop of the International Conference on Computer Supported Collaborative Learning (CSCL), Rhodes, Greece.

2008

7. Festner, D., **Gegenfurtner, A.**, Meier, B., Babichenko, A., Huber, J., Koch, T., Morgenthaler, B., Schmid, S., Schneider, F., & Gruber, H. (2008, August). *Transfer of training and its determinants. A study conducted in the domain of occupational health and safety.* Poster presented at the 4th EARLI SIG 14 "Learning and Professional Development" Conference, Jyväskylä, Finland.
6. **Gegenfurtner, A.** (2008, August). *Knowledge transfer: A pragmatist perspective.* Poster presented at the 4th EARLI SIG 14 "Learning and Professional Development" Conference, Jyväskylä, Finland.
5. **Gegenfurtner, A.**, Veermans, K., Festner, D., & Gruber, H. (2008, August). *An integrative model of transfer motivation antecedents.* Paper presented at the 4th EARLI SIG 14 "Learning and Professional Development" Conference, Jyväskylä, Finland.
4. **Gegenfurtner, A.** (2008, August). *Motivational influences on knowledge transfer: A research proposal.* Poster presented at the 11th International Conference on Motivation (ICM), Turku, Finland.
3. **Gegenfurtner, A.** (2008, August). *Motivational influences on knowledge transfer in work organizations.* Paper presented at the 2nd Summer School on Motivation (ICM), Turku, Finland.
2. **Gegenfurtner, A.**, Lehtinen, E., & Gruber, H. (2008, July). *Predicting autonomous and controlled motivation to transfer: Test of a model.* Paper presented at the 12th Conference of Junior Researchers of EARLI, Leuven, Belgium.
1. **Gegenfurtner, A.**, & Gruber, H. (2008, May). *Antecedents of extrinsic motivation to transfer training.* Paper presented at the 9th International Conference on Human Resource Development Research and Practice across Europe, Lille, France.

9.2. Peer-Reviewed Conference Symposia

17. Lewalter, D., **Gegenfurtner, A.**, & Renninger, K. A. (2020, September). *Assessing interest out-of-school.* Symposium at the joint EARLI SIG 8 "Motivation and Emotion" & SIG 16 "Metacognition" Conference, Dresden, Germany.⁶
16. Damşa, C., Jornet, A., **Gegenfurtner, A.**, & Froehlich, D. (2017, September). *The unit of analysis in learning research: Approaches for imagining a transformative research agenda.* Symposium at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
15. Quesada-Pallarès, C., & **Gegenfurtner, A.** (2017, September). *The use of research methods to study learning transfer.* Symposium at the 17th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Tampere, Finland.
14. Knogler, M., & **Gegenfurtner, A.** (2016, August). *An interest theory perspective on learning: What is in for the effective design of learning environments?* Symposium at the International Conference of Motivation (ICM), Thessaloniki, Greece.
13. Damşa, C., Guérin, L., & **Gegenfurtner, A.** (2015, August). *Innovative methodologies in learning research.* Symposium at the 16th Biennial Conference of the European Association for

⁶ Symposium postponed due to the SARS-CoV-2 pandemic.

- Research on Learning and Instruction (EARLI), Limassol, Cyprus.
12. **Gegenfurtner, A.**, & Dochy, F. (2015, August). *Perspectives into transfer of training*. Symposium at the 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus.
 11. **Gegenfurtner, A.**, Baker, M., & Guérin, L. (2014, August). *Assessing transitions of learning with mixed methods*. Symposium at the joint EARLI SIG 4 "Higher Education" & SIG 17 "Methods in Learning Research" Conference, Leuven, Belgium.
 10. **Gegenfurtner, A.**, & Vauras, M. (2014, June). *Mixed methods in motivation research: Are more methods always better?* Symposium at the 14th International Conference of Motivation (ICM), Helsinki, Finland.
 9. Gorges, J., **Gegenfurtner, A.**, & Kuper, H. (2013, September). *Warum nur? Motivation in Erwachsenen- und Weiterbildung*. Symposium at the 78th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Dortmund, Germany.
 8. Endedijk, M. D., & **Gegenfurtner, A.** (2013, August). *Transfer of training for sustainable learning*. Symposium at the 15th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Munich, Germany.
 7. **Gegenfurtner, A.**, & Lankes, E.-M. (2012, September). *Entwicklung und Förderung professioneller Unterrichtswahrnehmung*. Symposium at the 77th Tagung der Arbeitsgruppe für Empirische Pädagogische Forschung (AEPF), Bielefeld, Germany.
 6. Järvelä, S., & **Gegenfurtner, A.** (2012, August). *Students' motivation, transfer, and strategy use in CSCL tasks*. Symposium at the 13th International Conference on Motivation (ICM), Frankfurt am Main, Germany.
 5. Hagenauer, G., & **Gegenfurtner, A.** (2012, August). *Achievement goals in the sphere of adult learners*. Symposium at the 13th International Conference on Motivation (ICM), Frankfurt am Main, Germany.
 4. **Gegenfurtner, A.** (2012, August). *Sociotechnical transitions in learning and working*. Symposium at the 6th EARLI SIG 14 Learning and Professional Development Conference, Antwerp, Belgium.
 3. **Gegenfurtner, A.** (2012, August). *Eye movement modeling and visual expertise in medicine*. Symposium at the 6th EARLI SIG 14 Learning and Professional Development Conference, Antwerp, Belgium.
 2. **Gegenfurtner, A.** (2012, August). *Beyond cold transfer: Integrating motivational variables*. Symposium at the 6th EARLI SIG 14 Learning and Professional Development Conference, Antwerp, Belgium.
 1. Segers, M., & **Gegenfurtner, A.** (2010, August). *Different perspectives on the measurement of training transfer*. Symposium at the 5th EARLI SIG 14 Learning and Professional Development Conference, Munich, Germany.

9.3. Keynote Presentations and Invited Talks

19. **Gegenfurtner, A.** (2020). *Expertise and professional learning: Connecting quantitative and qualitative perspectives*. Keynote presentation at the Emerging Researchers' Conference of the European Educational Research Association (EERA), Glasgow, Scotland, on August 25, 2020⁷.
18. **Gegenfurtner, A.** (2020). *Wie effektiv sind digitale Lernmedien? Erkenntnisse aus der pädagogischen und psychologischen Forschung*. Keynote presentation at the Praxistag „Learning 4 Kids: Wie Kinder und Jugendliche digital lernen“ of the Akademie der Deutschen Medien, Munich, Germany, on June 23, 2020.
17. Hansen, C., & **Gegenfurtner, A.** (2020). *Diversität und Diversitätskonzepte*. Invited talk for the mentUP* Diversity Mentoring Program, University of Passau, Germany, on March 16, 2020⁷.
16. **Gegenfurtner, A.** (2019). *Eye Tracking als Mittel zur Erforschung visueller Expertise und professioneller Wahrnehmung*. Invited talk for the inaugural ceremony of the Eye Tracking-

⁷ Postponed due to the SARS-CoV-2 pandemic.

- Classroom, University of Regensburg, Germany, on October 15, 2019.
15. **Gegenfurtner, A.** (2019). *Eye Tracking und visuelle Expertise in der Medizin*. Invited talk at the TUM Medical Education Center, Technical University of Munich, Germany, on January 25, 2019.
 14. **Gegenfurtner, A.** (2018). *Metaphors as analytic tools to dialogue between theory and methods*. Keynote presentation at the EARLI SIG17 conference at the University of Cambridge, United Kingdom, on August 27, 2018.
 13. **Gegenfurtner, A.** (2017). *Transfer of training: Recent theoretical and methodological advances*. Invited talk at the Université Catholique de Louvain, Louvain-la-Neuve, Belgium, on September 12, 2017.
 12. **Gegenfurtner, A.** (2016). *Systematic literature reviews in educational research*. Keynote talk at the EERA Summer School, Johannes Kepler University Linz, Austria, on July 14, 2016.
 11. **Gegenfurtner, A.** (2015). *Eye tracking as online measure of visual expertise*. Invited talk at the Department of Education, University of Oxford, United Kingdom, on June 11, 2015.
 10. **Gegenfurtner, A.** (2014). *Lesen fördern in der Grundschule: Was sagt die IGLU-Studie?* Invited talk at the Bücherei Hengersberg, Hengersberg, Germany, on March 21, 2014.
 9. **Gegenfurtner, A.** (2014). *Do teachers see everything? How experts and novices perceive classroom information*. Invited talk at the Faculty of Education, University of Cambridge, UK, on February 24, 2014.
 8. **Gegenfurtner, A.** (2013). *Eye movement modeling in medical education*. Invited talk at the School of Health Professions Education, Maastricht University, the Netherlands, on December 18, 2013.
 7. **Gegenfurtner, A.** (2013). *John Hatties Visible Learning: Was ist guter Unterricht?* Invited talk at the Reiffenstuel-Realschule Traunstein, Traunstein, Germany, on December 10, 2013.
 6. **Gegenfurtner, A.** (2013). *Der Bildungsforscher John Hattie: Fluch oder Segen?* Invited talk at the Bayerischer Realschullehrerverband, Rosenheim, Germany, on October 10, 2013.
 5. **Gegenfurtner, A.** (2012). *Evaluating training effectiveness in vocational education*. Invited talk at the TUM School of Education, Technical University of Munich, Germany, on June 12, 2012.
 4. **Gegenfurtner, A.** (2012). *Using eye-tracking methodology to understand and promote the transfer of expertise in medicine*. Invited talk at the Institute of Behavioral Sciences, ETH Zurich, Switzerland, on January 30, 2012.
 3. **Gegenfurtner, A.** (2011). *Motivational influences on transfer: Dimensions and boundary conditions*. Invited talk at the Institute of Psychology, University of Freiburg, Germany, on November 30, 2011.
 2. **Gegenfurtner, A.** (2011). *Visual technologies and their effects on human expertise*. Invited talk at InterMedia, University of Oslo, Norway, on November 09, 2011.
 1. **Gegenfurtner, A.** (2011). *Domain specificity and transfer of expertise: An eye tracking and think aloud experiment using dynamic medical visualizations*. Invited talk at the Center for Learning Sciences and Technologies (CELSTEC), Open University, Heerlen, Netherlands, on July 28, 2011.

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