

Christian M. Stracke
Associate Professor
Department of Online Learning and Instruction
Theme Open Education
Research Line Technology Enhanced Learning Innovations for teaching and learning (TELI) (part of WO program)



Research interests

Dr. Christian M. Stracke is ICDE Chair in OER and Associate Professor for Open Education at the Welten Institute of the Open University of the Netherlands (OUNL) (www.ou.nl/web/welten-institute). In addition he is Advisory Professor at the East China Normal University (ECNU) in Shanghai, and Adjunct Professor at the Korea National Open University (KNOU) in Seoul. As an internationally recognized expert and innovator, his main working fields are Open Education, technology-enhanced learning, educational policies and philosophy, learning innovations and quality, impact assessment and competence modelling. He holds a PhD in Economics (Dr. rer. pol.) from the University of Duisburg-Essen (Germany) and a Magister Artium (M.A.) in Educational Sciences from the University of Bonn (Germany). He is senior researcher and strategy consultant with international reputation and numerous references for learning policies, innovations and quality in all learning sectors.

He is Founder and Director of the European Institute for Learning, Innovation and Cooperation (www.elc-institute.org) and gained extensive experience (> 20 years of business and research in HR and E-Learning) in leading large scale projects and research teams (e.g., as Managing Director of TELIT) and in consulting and supporting institutions and public authorities to develop long-term policies and to improve learning innovations and quality.

Christian M. Stracke was Founder and Board Member of the first German E-Learning Association D-ELAN (now integrated in BITKOM) for professional E-Learning providers as well as of ICORE, the International Community for Open Education and Research, promoting and fostering the vision of openness in research and education worldwide. At many international conferences and events he is invited keynote speaker and PC member and he is Conference Chair of LINQ, the annual international conference on Learning Innovations and Quality (www.learning-innovations.eu).

He is author and editor of numerous scientific books, articles, handbook chapters, and standards on learning innovations and quality. In international Standardisation he is elected Chair of international (ISO PC 288 on QM for Education) and European (CEN TC 353 on (E-)Learning, Education and Training) Standardisation Committees.

Many research projects (100+, > 50 Mio EUR) were and are managed and supervised as coordinator and quality manager by him including ODS (budget: 15.3 Mio EUR, www.opendiscovery.space.eu), ISE (budget: 9.8 Mio EUR, www.inspiring-science.eu), and Q.E.D. (budget: 4.0 Mio EUR) as the three biggest e-Learning projects next to many other obtained European research and development projects funded by the EC: e.g., Learn STEM, MOOQ, MEDLIT, LELLE, PBL 3.0, ACT, EBE-EUSMOSI, DIGI-FEM, AGRICOM, ARISTOTELE, LoCloud, VOA3R, WACOM, Q-Cert-VET, eCOTOOL, COMPAT.

His latest news online: www.opening-up.education and on twitter: @ChrMStracke.

Employment

Associate professor

Associate Professor
Department of Online Learning and Instruction
Open Universiteit
1 Jan 2020 → present

Theme Open Education

Research Organisation Open University
1 Jan 2018 → present

Associate Professor

Research Line Technology Enhanced Learning Innovations for teaching and learning (TELI) (part of WO program)
Research Organisation Open University
1 Apr 2015 → present

Research outputs

Evolution of MOOC designs, providers and learners and the related MOOC research and publications from 2008 to 2018
Stracke, C. M. & Bozkurt, A., 30 Dec 2019, *International Open and Distance Learning Conference Proceedings Book [= Uluslararası Açık ve Uzaktan Öğrenme Konferansı bildiri kitabı] : 14-15-16 kasım/november 2019*. Eskişehir: Anadolu Üniversitesi, p. 13-20 8 p.

Quality Frameworks and Learning Design for Open Education

Stracke, C. M., Apr 2019, In : *The International Review of Research in Open and Distributed Learning (IRRODL)*. 20, 2, p. 180-203

Studying in a Virtual Mobility Context: An International Pilot in the Domain of Educational Science

Vogel, C., Diegel, N., Firssova, O., Kananen, P., Stracke, C. M. & Brouns, F., Apr 2019, *The Envisioning Report for Empowering Universities*. Ubachs, G. (ed.). 3 ed. Maastricht, NL : European Association of Distance Teaching Universities , p. 20-22 3 p.

Learn STEM: The Pedagogical Model for Innovative STEM Learning and Teaching

Stracke, C. M., Van Dijk, G., Daneniene, J., Kelmelyte, V., Lisdat, F., Wesolowski, A., Barreiros, A., Baltazar, R., Simoens, W., Desutter, J., Pascoal, A., Rimkevičė, A., Spatafora, M., Cotovanu, A. M. & Spatafora, A., 1 Mar 2019, *Open Universiteit*. 67 p. (Learn STEM: Innovative STEM learning in schools).

Designing for Virtual Mobility: Potentials and Caveats

Firssova, O., Vogel, C., Brouns, F. M. R., Diegel, N., Forsman, P. & Stracke, C. M., 2019, *EC-TEL Practitioner Proceedings 2019: 14th European Conference on Technology Enhanced Learning, Delft, Netherlands, September 16-19, 2019*. Fesel, A. & Drakslaer, T. Z. (eds.). Springer International Publishing, Vol. 2437. 13 p.

Storia, Definizioni, Tipologie, Benefici e Prospettive di Utilizzo delle OER

Stracke, C. M., 2019, In : *L'integrazione scolastica e sociale*. 17, 2, p. 156-166 11 p.

The Quality Reference Framework for MOOC Design

Stracke, C. M., 2019, *Transforming Learning with Meaningful Technologies: 14th European Conference on Technology Enhanced Learning, EC-TEL 2019, Delft, The Netherlands, September 16–19, 2019, Proceedings*. Scheffel, M., Broisin, J., Pammer-Schindler, V., Ioannou, A. & Schneider, J. (eds.). Cham: Springer International Publishing AG, p. 673-677 5 p. (Lecture Notes in Computer Science (LNCS) series, Vol. 11722).

The Quality Reference Framework for MOOCs to improve online learning

Stracke, C. M., 2019, *The 2019 OpenupEd trend report on MOOCs*. Ubachs, G., Konings, L. & Nijsten, B. (eds.). Maastricht, NL: European Association of Distance Teaching Universities, p. 14-16 3 p.

開放教育和學習質量

Stracke, C. M., 2019, In : *教育傳播與技術 Journal on Educational Communications and Technology*. 4, p. 14-17

Fostering Quality in MOOCs: A European Approach

Stracke, C. M., Sgourpoulou, C., Vassiliadis, B., Kameas, A., Moreira Texeira, A. & Texeira Pinto, M. D. C., Dec 2018, *Proceedings of the 17th European Conference on e-Learning: Co-hosted by the University of West Attica, Greece and the Hellenic Air Force Academy (HAFA) 1-2 November 2018*. Ntalianis, K., Andreatos, A. & Sgourpoulou, C. (eds.). Athens: Academic Conferences and Publishing International Ltd., Vol. 1. p. 533-538 6 p.

Editor's Note

Burgos Solans, D., Nikolov, R. & Stracke, C. M., Sep 2018, In : *International Journal of Interactive Multimedia and Artificial Intelligence*. 5, 2, p. 4-5 2 p.

Qualification Design and Sanitation for Pure Drinkable Water: A Project Study

Çiner, F., Doğan-Sağlamtimur, N., Dizdar, A., Yücel Işıldar, G., Alev Söylemez, S., Naim Ardor, H., Necat Coşkun, M., Dizdar, E., Dizdar, Ç., Kujumdzieva, A. & Stracke, C. M., May 2018, *Handbook of Research on Supply Chain Management for Sustainable Development*. Akkucuk, U. (ed.). Hershey, Pennsylvania: IGI Global, p. 242-264 23 p.

How to make MOOCs better for specific target groups and developing countries?

Stracke, C. M., Hernández, R., Delgado Kloos, C., Pérez Sanagustín, M. & Teixeira, A. M., 24 Apr 2018, p. 39-40. 2 p.

Como a Educação Aberta pode melhorar a qualidade de aprendizagem e produzir impacto em alunos, organizações e na sociedade?

Stracke, C. M., 2018, *Utopias and Distopias da Tecnologia na Educação a Distância e Aberta*. Duran, M., Amiel, T. & da Costa, C. (eds.). Campinas: & Niterói: UNICAMP & UFF, p. 499-545 46 p.

Divergent Perceptions from MOOC Designers and Learners on Interaction and Learning Experience: Findings from the Global MOOC Survey

Teixeira, A. M., Teixeira Pinto, M. D. C., Stracke, C. M., Kameas, A., Vassiliadis, B. & Sgouropoulou, C., 2018, *Exploring the Micro, Meso and Macro: Navigation between dimensions in the digital learning [= Proceedings EDEN 2018 Annual Conference]*. Volungeviciene, A. & Szűcs, A. (eds.). Bucharest, Hungary: European Distance and E-Learning Network, p. 215-225 11 p.

Gap between MOOC designers' and MOOC learners' Perspectives on Interaction and Experiences in MOOCs: Findings from the Global MOOC Quality Survey

Stracke, C. M., Tan, E., Teixeira, A. M., Teixeira Pinto, M. D. C., Vassiliadis, B., Kameas, A. & Sgouropoulou, C., 2018, *Proceedings 18th IEEE International Conference on Advanced Learning Technologies (ICALT 2018)*. Chang, M., Chen, N.-S., Huang, R., Kinshuk, Moudgalya, K., Murthy, S. & Sampson, D. G. (eds.). IEEE Computer Society Press, p. 1-5 5 p.

How to make MOOCs better for specific target groups and developing countries?

Stracke, C. M., Delgado Kloos, C., Hernández, R., Pérez Sanagustín, M. D. M. & Teixeira, A. M., 2018, *Book of Abstracts Open Education Global Conference 2018: 24-26 April 2018 Delft / Netherlands*. van Valkenburg, W. & Schuwer, R. (eds.). Delft University of Technology, 4 p.

Quality Reference Framework (QRF) for the Quality of Massive Open Online Courses (MOOCs): Developed by MOOC in close collaboration with all interested parties worldwide

Stracke, C. M., Tan, E., Moreira Teixeira, A., do Carmo Pinto, M., Vassiliadis, B., Kameas, A., Sgouropoulou, C. & Vidal, G., 2018, MOOC. 36 p.

The Quality of Open Online Learning and Education: Towards a Quality Reference Framework for MOOCs

Stracke, C. M. & Tan, E., 2018, *Rethinking learning in the digital age. Making the Learning Sciences Count: The International Conference of the Learning Sciences (ICLS) 2018: 13th International Conference of the Learning Sciences (ICLS) 2018*. Kay, J. & Luckin, R. (eds.). International Society of the Learning Sciences, Vol. 2. p. 1029-1032 4 p.

Towards a Quality Reference Framework for MOOCs

Stracke, C. M. & Tan, E. B. K., 2018. 3 p.

开放教育的学习质量和设计: OpenEd 框架

Stracke, C. M., 2018, In : *Distance Education in China*. 11, p. 5-18; 78-79 16 p.

gMOOCs – Flow and Persuasion to Gamify MOOCs

Antonaci, A., Peter, D., Klemke, R., Bruysten, T., Stracke, C. M. & Specht, M., 1 Nov 2017, *Games and Learning Alliance: 6th International Conference, GALA 2017, Lisbon, Portugal, December 5–7, 2017, Proceedings*. Dias, J., Santos, P. A. & Veltkamp, R. C. (eds.). Springer, p. 126–136 (Lecture Notes in Computer Science, Vol. 10653).

Towards Implementing Gamification in MOOCs

Antonaci, A., Klemke, R., Stracke, C. M. & Specht, M., 1 Nov 2017, *Games and Learning Alliance: 6th International Conference, GALA 2017, Lisbon, Portugal, December 5–7, 2017, Proceedings*. Dias, J., Santos, P. A. & Veltkamp, R. C. (eds.). Springer, p. 115–125 (Lecture Notes in Computer Science, Vol. 10653).

Evaluating the concept specialization distance from an end-user perspective: The case of AGROVOC

Martín-Moncunill, D., Sicilia-Urban, M. A., García-Barriocanal, E. & Stracke, C. M., 9 Oct 2017, In : *Online Information Review*. 41, 6, p. 860-876 17 p.

Identifying game elements suitable for MOOCs

Antonaci, A., Klemke, R., Stracke, C. M. & Specht, M., Sep 2017, *Data Driven Approaches in Digital Education: 12th European Conference on Technology Enhanced Learning, EC-TEL 2017, Tallinn, Estonia, September 12–15, 2017, Proceedings*. Lavoué, É., Drachsler, H., Verbert, K., Broisin, J. & Pérez-Sanagustín, M. (eds.). Springer, p. 355-360 (Lecture Notes in Computer Science (LNCS) series, Vol. 10474).

Gamification to Empower Information Security Education

Antonaci, A., Klemke, R., Stracke, C. M., Specht, M., Spatafora, M. & Stefanova, K., 14 Jun 2017, *Proceedings of the 1st International GamiFIN Conference*. Tuomi, P. & Perttula, A. (eds.). Vol. 1857. p. 32-38 (CEUR Workshop Proceedings (CEUR-WS.org)).

Learning to learn: Beyond 2020

Tan, E., Stracke, C., Prokopowicz, M., Kővári, E., Kigyós, T., Csizmadia, T., Kronika, K., Fehérvölgyi, B. & Erdős, K., 1 Jun 2017, *Smart Universities: Education's Digital Future: Official Proceedings of the International WLS and LINQ Conference held in Kristiansand, Norway, on 7th to 9th June 2017*. Stracke, M. C., Tveiten, O. & Shanks, M. (eds.). Logos Verlag Berlin GmbH, p. 13-20

Activities

Evolution of MOOC designs, providers and learners and the related MOOC research and publications from 2008 to 2018

Christian M. Stracke (Speaker), Aras Bozkurt (Speaker)
14 Nov 2019

The Quality and Future of Open Education and MOOCs

Christian M. Stracke (Keynote speaker)
9 Jul 2019

The Quality Reference Framework (QRF) based on QMQS findings

Christian M. Stracke (Invited speaker)
9 Jul 2019

Open Education and OER in Life-Long Learning

Christian M. Stracke (Keynote speaker)
11 Apr 2019

Open Education (OE) & Open Science (OS): Experiences @ OUNL

Christian M. Stracke (Speaker)
14 Nov 2018

Open Education (OE) & Open Educational Resources (OER). Keynote

Christian M. Stracke (Keynote speaker)
12 Nov 2018

UNESCO and OLINFER Conference on Open & Linked Information for Education and Research 2018

Christian M. Stracke (Organiser)
12 Nov 2018 → 14 Nov 2018

EARLI 6/7 meeting

Christian M. Stracke (Speaker), E.B.K. Tan (Speaker)
23 Aug 2018

MOOQ and the Quality of MOOCs: Findings & Tools

Christian M. Stracke (Speaker), E.B.K. Tan (Speaker)
13 Jul 2018

MOOQ and the Quality of MOOCs: How it started and continues. Keynote.

Christian M. Stracke (Keynote speaker)
13 Jul 2018

MOOQ Conference 2018

Christian M. Stracke (Organiser)
13 Jul 2018

Gap between MOOC designers' and learners' perspectives on interaction and experiences in MOOCs: Findings from the Global MOOC Quality Survey (GMQS)

Christian M. Stracke (Speaker), E.B.K. Tan (Speaker)
10 Jul 2018

Workshop for delegation from NIE, Singapore

Christian M. Stracke (Organiser), E.B.K. Tan (Organiser)
2 Jul 2018

The Quality of Open Online Learning and Education: Towards a Quality Reference Framework for MOOCs

Christian M. Stracke (Speaker), E.B.K. Tan (Speaker)
25 Jun 2018

How can the OER community put the UNESCO OER Action Plan into practice?

Christian M. Stracke (Speaker), Zeynep Varoglu (Speaker), Jane-Frances Agbu (Speaker), Tel Amiel (Speaker), Daniel Burgos (Speaker)
24 Apr 2018

Building a Common Quality Reference Framework for Improving, Assessing and Comparing MOOC Design

Christian M. Stracke (Invited speaker), Esther Tan (Invited speaker), António Moreira Teixeira (Invited speaker), Maria do Carmo Pinto (Invited speaker), João Paz (Invited speaker)
17 Apr 2018

MOOQ Workshop: The quality of MOOCs and the planned QRF

Christian M. Stracke (Speaker), Esther Tan (Speaker), António Texeira (Speaker), Maria Pinto (Speaker)
17 Apr 2018 → 18 Apr 2018

International and European standards: How to develop and what is achieved?

Christian M. Stracke (Invited speaker)
23 Mar 2018

How to improve the quality & design of online courses? OpenEd Framework and Global MOOC Quality Survey

Christian M. Stracke (Keynote speaker)
5 Mar 2018

Digital transformation: An opportunity - or a threat to quality Higher Education?

Christian M. Stracke (Invited speaker)
2 Dec 2016

How Open Educational Resources can improve Quality of Inclusive Education

C.M. Stracke (Speaker)
16 Nov 2016

ICORE Workshop: How to re-establish Openness as default? Towards a global joint initiative

Christian M. Stracke (Consultant / Advisor)
13 Sep 2016

Open Education, OER & MOOCs for entrepreneurship: To share or not to share

C.M. Stracke (Speaker)

6 Jul 2016

To share or not to share: Open educational policies, methodologies & resources

C.M. Stracke (Speaker)

9 May 2016

Free Education for Open Learning: Open educational policies, strategies & access for all

C.M. Stracke (Speaker)

15 Apr 2016

ICORE Workshop: How to re-establish Openness as default? Towards a global joint initiative

Christian M. Stracke (Consultant / Advisor)

14 Apr 2016

How to re-establish Openness as default? Towards a global joint initiative

Christian M. Stracke (Consultant / Advisor)

13 Oct 2015

The Need for Change in Education: Openness as Default?

C.M. Stracke (Speaker)

13 May 2015