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## Publications

### **Near future practices of Interaction Analysis: technology-mediated approaches in educational research**

Davidsen, J. & Steier, R., 27 Aug 2024, (Accepted/In press) In: *International Journal of Research & Method in Education*.

### **Designing for collaborative learning in immersive virtual reality: a systematic literature review**

Paulsen, L., Dau, S. & Davidsen, J. G., 4 Mar 2024, In: *Virtual Reality*. 28, 1, 17 p., 63.

### **A Model for Collaborative Immersive Classroom Management Development Using Multi-user Virtual Reality**

Paulsen, L. & Davidsen, J., 2024, (Accepted/In press) *23rd European Conference on e-Learning (ECEL)*. 10 p.

### **Towards a Pedagogy of Organizational Change: PBL as a Lever for Organizational Development in Higher Education Institutions**

Thomsen, T. L., Stegeager, N. & Davidsen, J., 2024, (Submitted) In: *Journal of Problem Based Learning in Higher Education*.

### **Immersive spaces for participation and collaborative reflection**

Paulsen, L., Dau, S. & Davidsen, J. G., 22 Nov 2023, *Proceedings for the European Conference on Reflective Practice-based Learning 2023 : Aalborg, November 20th-22nd 2023*. Georgsen, M., Dau, S. & Helverskov Horn, L. (eds.). Aalborg Universitetsforlag, p. 15-16 2 p.

### **Beyond Video: Using Practice-based VolCap Analysis to Understand Analytical Practices Volumetrically**

McIlvenny, P. & Davidsen, J. G., 29 Sept 2023, *Ethnomethodological Conversation Analysis in Motion: Emerging Methods and New Technologies*. Haddington, P., Eilittä, T., Kamunen, A., Kohonen-Aho, L., Oittinen, T., Rautiainen, I. & Vatanen, A. (eds.). London: Routledge, p. 221-244 24 p.

### **Problem-based Learning as a Driver for Organizational Change**

Juhl, L. B., Stegeager, N., Ravn, O. & Davidsen, J. G., Aug 2023.

### **Researching Interactional and Volumetric Scenographies – Immersive Qualitative Digital Research**

Davidsen, J. G., McIlvenny, P. & Ryberg, T., Aug 2023, *Constructing Postdigital Research: Method and Emancipation*. Jandrić, P., MacKenzie, A. & Knox, J. (eds.). Springer, p. 119-136 (Postdigital Science and Education).

### **Kollaborativ læring i social 360VR: Et systematisk review af et nyt digitalt læringsrum**

Paulsen, L., Davidsen, J. G., Larsen, D. V. & Rasmussen, S., 27 Jan 2023, In: *Tidsskriftet Læring og Medier (LOM)*. 16, 27, 20 p.

### **Engineering students' dynamic and fluid group practices in a collaborative design project**

Bernhard, J., Davidsen, J. G. & Ryberg, T., 2023, *Book of Proceedings for the 51st Annual Conference of the European Society for Engineering Education*. European Society for Engineering Education SEFI, p. 192-202 11 p.

### **Group practices in a collaborative design project – A video-ethnographic study**

Bernhard, J., Davidsen, J. G. & Ryberg, T., 2023, *19th CDIO International Conference, CDIO 2023 - Proceedings*. Lyng, R., Bennedsen, J., Bettaieb, L., Bodsberg, N. R., Edstrom, K., Guojonsdottir, M. S., Roslof, J., Solbjorg, O. K. & Oien, G. (eds.). NTNU SEED, p. 732-745 13 p. (Proceedings of the International CDIO Conference).

### **360VR PBL: A new format of digital cases in clinical medicine**

Davidson, J. G., Larsen, D. V., Paulsen, L. & Rasmussen, S., Oct 2022, In: *Journal of Problem Based Learning in Higher Education*. 10, 1, p. 101-112 12 p.

### **Teaching in the Age of Covid-19—The New Normal**

Jandrić, P., Martinez, A. F., Reitz, C., Jackson, L., Grauslund, D., Hayes, D., Lukoko, H. O., Hogan, M., Mozelius, P., Arantes, J. A., Levinson, P., Ozoliņš, J. J., Kirylo, J. D., Carr, P. R., Hood, N., Tesar, M., Sturm, S., Abegglen, S., Burns, T., Sinfield, S., & 49 others Stewart, G. T., Suoranta, J., Jaldemark, J., Gustafsson, U., Monzó, L. D., Kokić, I. B., Kihwele, J. E., Wright, J., Kishore, P., Stewart, P. A., Bridges, S. M., Lodahl, M., Bryant, P., Kaur, K., Hollings, S., Brown, J. B., Steketee, A., Prinsloo, P., Hazzan, M. K., Jopling, M., Mañero, J., Gibbons, A., Pfohl, S., Humble, N., Davidson, J., Ford, D. R., Sharma, N., Stockbridge, K., Pyhtinen, O., Escaño, C., Achieng-Evensen, C., Rose, J., Irwin, J., Shukla, R., SooHoo, S., Truelove, I., Buchanan, R., Urvashi, S., White, E. J., Novak, R., Ryberg, T., Arndt, S., Redder, B., Mukherjee, M., Komolafe, B. F., Mallya, M., Devine, N., Sattarzadeh, S. D. & Hayes, S., Oct 2022, In: *Postdigital Science and Education*. 4, 4, p. 877-1015 139 p.

### **Designing for Networked Learning in 360VR - A scenographic turn in online learning environments?**

Davidson, J. G., Larsen, D. V., Paulsen, L. & McIlvenny, P., May 2022, *Proceedings for the Thirteenth International Conference on Networked Learning 2022*. Jaldemark, J., Håkansson Lindqvist, M., Mozelius, P., Öberg, A., De Laat, M., Dohn, N. B. & Ryberg, T. (eds.).

### **"Do you see what we see?" – Perspective-taking across realities**

Paulsen, L., Davidson, J. G. & Steier, R., May 2022, *15th International Conference on Computer-Supported Collaborative Learning (CSCL)*. Weinberger, A., Chen, W., Hernández-Leo, D. & Chen, B. (eds.). International Society of the Learning Sciences (ISLS), p. 300-303 (Computer-Supported Collaborative Learning Conference, CSCL).

### **Towards Collaborative Immersive Qualitative Analysis**

Davidson, J. G. & McIlvenny, P., May 2022, *15th International Conference on Computer-Supported Collaborative Learning (CSCL)*. Weinberger, A., Chen, W., Hernandez-Leo, D. & Chen, B. (eds.). International Society of the Learning Sciences (ISLS), p. 304-307 4 p. (Computer-Supported Collaborative Learning Conference, CSCL).

### **Volumetric Capture and Replay in Virtual Reality – Entering the age of immersive and volumetric analysis in CSCL**

Davidson, J. G., McIlvenny, P. & Kovács, A. B., May 2022, *15th International Conference on Computer-Supported Collaborative Learning (CSCL)*. Weinberger, A., Chen, W., Hernandez-Leo, D. & Chen, B. (eds.). International Society of the Learning Sciences (ISLS), p. 296-299 4 p. (Computer-Supported Collaborative Learning Conference, CSCL).

### **IS "DIGITAL EDUCATION" THE RIGHT WAY FORWARD? – OR IS, MAYBE, POSTDIGITAL EDUCATION WHAT IS NEEDED!**

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### **Disagreeing About the Problem in PBL: How Students Negotiate Disagreements Regarding the Problem in PBL**

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### **Digital Producers with Cognitive Disabilities: Participatory Video Tutorials as a Strategy for Supporting Digital Abilities and Aspirations**

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### **Digital fabrikation for unge i specialtilbud**

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### **Teaching in the Age of Covid-19 – 1 Year Later**

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### **“Everything comes together”: Students’ collaborative development of a professional dialogic practice in architecture and design education**

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### **Hybridity, Transparency, Structured Freedom and Flipped Engagement – an Example of Networked Learning Pedagogy**

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### **By hand and by computer – a video-ethnographic study of engineering students’ representational practices in a design project**

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### **Between the Blabbering Noise of Individuals or the Silent Dialogue of Many: a Collective Response to ‘Postdigital Science and Education’ (Jandrić et al. 2018)**

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#### **Innovating Problem and Project Based Learning Using a Modified Version of MOOCs**

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#### **Knowledge forms in students' collaborative work: PBL as a design for transfer**

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#### **Student groups as 'adhocracies' – challenging our understanding of PBL, collaboration and technology use**

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#### **Engineering students' shared experiences and joint problem solving in collaborative learning**

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#### **Introduktion til videoanalyse**

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#### **Transkription af videodata**

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#### **Studerendes digitale læringsmiljøer: læringsplatform eller medieøkologi?**

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#### **Understanding nomadic collaborative learning groups**

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#### **Videoanalyse af social interaktion**

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#### **A Big Video Manifesto: Re-sensing Video and Audio**

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### **Establishing a Sense of Community, Interaction, and Knowledge Exchange Among Students**

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### **This is the size of one meter: Children's bodily-material collaboration**

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### **Gotta enhance'em all: a case study of two Pokemon GO enhanced urban spaces in Aalborg, Denmark**

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### **Revitalisering af PBL i videregående uddannelser gennem Learning Design**

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### **Problem and Project Based Learning in Hybrid Spaces: Nomads and Artisans**

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### **'You should collaborate, children': A study of teachers' design and facilitation of children's collaboration around touchscreens**

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### **Samhørighed, interaktion og vidensdeling blandt studerende - Erfaringer fra et ikt-pædagogisk udviklingsprojekt**

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### **Inhabiting scale 8-9 year old childrens demonstration of their understanding of one meter through gestures and movement**

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### **Bodily-material resources in CSCL: Children's embodied and multimodal collaborative learning of scale around touchscreens**

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### **Introducing the Collaborative E-Learning Design Method (CoED)**

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### **"This is the size of one meter": Children's bodily-material collaboration and understanding of scale around touchscreens**

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**Exploring What Touch-Screens Offer From The Perspectives Of Children: Methodological Challenges**

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**The Benefits of Single-Touch Screens in Intersubjective Meaning Making**

Daidsen, J. & Christiansen, E. T., 15 Jun 2013, *To See the World and a Grain of Sand: Learning across Levels of Space, Time, and Scale: Conference Proceedings Volume II*. Rummel, N., Kapur, M., Nathan, M. & Puntambekar, S. (eds.). Madison, WI: International Society of the Learning Sciences (ISLS), Vol. 2. p. 10

**Intersubjective meaning making: a common ground for Human-Computer Interaction and the Learning Sciences?**

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**Micro Ethnographic Research as a Method for Informing Educational Technology Design in Practice**

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**Mixed artefacts as mediators for collaborative learning**

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**Interaction between learners in an interactive learning environment**

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**Contributing to a Learning Methodology for Web 2.0 Learning – Identifying Central Tensions in Educational Use of web 2.0 Technologies**

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**Contributing to a Learning Methodology for Web 2.0 Learning – Identifying Central Tensions in Educational Use of web 2.0 Technologies**

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**Developing a Design Methodology for Web 2.0 Mediated Learning**

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### **Developing a Design Methodology for Web 2.0 Mediated Learning**

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## **Activities**

### **European Journal of Engineering Education (Journal)**

Jacob Davidsen (Peer reviewer)  
Dec 2023 → ...

### **Mind, Culture, and Activity (Journal)**

Jacob Davidsen (Peer reviewer)  
2022 → ...

### **Postdigital Science and Education (Journal)**

Jacob Davidsen (Peer reviewer)  
2022 → ...

### **A live virtual 'data session' between Denmark and Finland using CAVA360VR**

Paul Bruce McIlvenny (Lecturer), Jacob Gorm Davidsen (Lecturer), Mirka Rauniomaa (Lecturer), Tiina Keisanen (Lecturer) & Maarit Siromaa (Lecturer)  
15 Nov 2019

### **Re-Sensing the Unnoticed: Developing Tools for Making Complex Spatial Practices Visible and Audible in EMCA Research**

Paul Bruce McIlvenny (Lecturer) & Jacob Gorm Davidsen (Lecturer)  
2 Jul 2019

### **British Journal of Educational Technology (Journal)**

Jacob Davidsen (Peer reviewer)  
2019 → ...

### **Enhanced Data Sessions**

Paul Bruce McIlvenny (Organizer), Jacob Gorm Davidsen (Organizer) & Pirkko Liisa Raudaskoski (Organizer)  
2019

### **13th International Conference on Computer Supported Collaborative Learning (Event)**

Jacob Davidsen (Peer reviewer)  
Dec 2018 → Jan 2019

### **It og undervisning - oplæg og diskussion**

Jacob Davidsen (Lecturer)  
13 Feb 2018

### **SAGE Publications Ltd (Publisher)**

Jacob Davidsen (Peer reviewer)  
2018

### **Keynote: A Manifesto for Big Video**

Paul Bruce McIlvenny (Speaker) & Jacob Davidsen (Speaker)  
22 Nov 2017

### **VILA: Interaction and Design Studies - Infrastructures for Big Video**

Thomas Ryberg (Lecturer) & Jacob Davidsen (Lecturer)

7 Nov 2017

**National Supercomputing Day - Perspectives of High Performance Computing**

Jacob Davidsen (Speaker)

7 Nov 2016

**Lancaster University (Publisher)**

Jacob Davidsen (Peer reviewer)

Dec 2015

**Akademisk Kvarter (Journal)**

Jacob Davidsen (Reviewer)

1 May 2015 → ...

**Samarbejde med generation touch i skolen**

Jacob Davidsen (Lecturer)

20 Mar 2015

**Digital Kompetanse (Journal)**

Jacob Davidsen (Reviewer)

1 Mar 2015 → ...

**Learning, Media & Technology (Print Edition) (Journal)**

Jacob Davidsen (Reviewer)

Jan 2015 → ...

**Enhanced Data Sessions**

Paul Bruce McIlvenny (Organizer), Jacob Gorm Davidsen (Organizer) & Pirkko Liisa Raudaskoski (Organizer)  
2015

**Læring og Medier (Journal)**

Jacob Davidsen (Peer reviewer)

2015 → ...

**PBL Academy - Aalborg University (External organisation)**

Jacob Davidsen (Member)

1 Sept 2014 → ...

**CSCL 2013**

Jacob Davidsen (Participant)

15 Jun 2013

**CSCL 2013**

Jacob Davidsen (Participant)

15 Jun 2013 → 19 Jun 2013

**ICT and Children - a Danish perspective**

Jacob Davidsen (Speaker)

14 May 2013

**Autumn Symposium of the Finnish Association of Applied Linguistics**

Jacob Davidsen (Participant)

9 Nov 2012 → 10 Nov 2012



**Børns samarbejde omkring touchskærme**

Jacob Davidsen (Speaker)

31 Jan 2012

**Study board of the Doctoral school of the humanities at Aalborg University (External organisation)**

Jacob Davidsen (Member)

1 Jan 2012 → 31 Jul 2014

**NoEL i Skyen**

Jacob Davidsen (Organizer)

29 Mar 2011

**NoEL MatchMaking seminar 2011**

Jacob Davidsen (Organizer)

8 Feb 2011