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## List of publications

2021

### Book Chapters Refereed

Fahlgren, M., Brunström, M., Dilling, F., Kristinsdóttir, B., Pinkernell, G., & Weigand, H.G. (in press).  
In A. Clark-Wilson, A. Donevska-Todorova, E. Faggiano, J. Trgalova, & H.-G. Weigand, (Eds.),  
*Mathematics Education in the Digital Age: Learning, Practice, and Theory*. Routledge.

2020

### Journal Articles Refereed

Kristinsdóttir, B., Hreinsdóttir, F., Lavicza, Z., & Wolff, C. (in press). Teachers' noticing and  
interpretations of students' responses to silent video tasks. *Research in Mathematics Education*.

### Conference Papers Refereed

Kristinsdóttir, B., Hreinsdóttir, F., & Lavicza, Z. (in press). Developing silent video tasks' instructional  
sequence. In J. Wang (Ed.), *Proceedings of the 14th International Congress on Mathematics Education* (4  
pages). East China Normal University, Shanghai, China.

2019

### Conference Papers Refereed

Kristinsdóttir, B., Hreinsdóttir, F., & Lavicza, Z. (in press). Using silent video tasks for formative  
assessment. In B. Barzel, F. Schacht, & D. Thurm (Eds.), *Proceedings of the 14th International  
Conference on Technology in Mathematics Teaching* (8 pages). University of Duisburg-Essen.

### Short Conference Papers Refereed

Kristinsdóttir, B., Hreinsdóttir, F., & Lavicza, Z. (2019). Silent video tasks: Towards a definition. In M.  
van den Heuvel-Panhuizen, M. Veldhuis, & U.T. Jankvist (Eds.) *Proceedings of the Eleventh Congress of  
the European Society for Research in Mathematics Education* (2 pages). Utrecht University, Feb 2019,  
Utrecht, Netherlands. [ffhal-02417067f](https://doi.org/10.1007/978-94-007-5067-1_02417067f)

Lieban, D., Kristinsdóttir, B., & Lavicza, Z. (2019). Setting a Creative Math Task with SET 3D:  
Modeling Physical Pieces through Digital Resources. In S. Goldstine, D. McKenna, & K.  
Fenyvesi (Eds.) *Proceedings of Bridges 2019: Mathematics, Art, Music, Architecture, Education, Culture* (pp.  
489–492). Tessellations Publishing. <http://archive.bridgesmathart.org/2019/bridges2019-489.pdf>

2018

### Conference Papers Refereed

Kristinsdóttir, B., Hreinsdóttir, F., & Lavicza, Z. (2018). Realizing students' ability to use technology  
with silent video tasks. In H.-G. Weigand, A. Clark-Wilson, A. Donevska-Todorova, E. Faggiano,  
N. Grønæk, & J. Trgalova (Eds.), *Proceedings of the 5th ERME Topic Conference MEDA 2018* (pp.  
163–170). University of Copenhagen.  
[www.math.ku.dk/english/research/conferences/2018/meda](http://www.math.ku.dk/english/research/conferences/2018/meda)

Kristinsdóttir, B., Hreinsdóttir, F., & Lavicza, Z. (2018). Initiating student discourses with silent video  
tasks in mathematics classrooms. In E. Bergqvist, M. Österholm, C. Granberg, & L. Sumpter  
(Eds.), *Proceedings of the 42nd Conference of the International Group for the Psychology of Mathematics  
Education* (Vol. 5, p. 92). Umeå University. <http://www.pme42.se>

### Magazine Articles Refereed

Gíslason, I., & Kristinsdóttir, B. (2018). Hvatt til hugsunar í stærðfræði. *Flatarmál – rit samtaka  
stærðfræðikennara*. 25(1). 24–25.

2017

### Conference Papers Refereed

Kristinsdóttir, B. (2017). Silent screencast videos and their use when teaching mathematics. In Kaiser, G. (Ed.) *Proceedings of the 13th International Congress on Mathematical Education* (Part VIII, p. 737–738). University of Hamburg. Springer. [www.springer.com/de/book/9783319625966](http://www.springer.com/de/book/9783319625966)

2016

### Book Chapters Refereed

Hreinsdóttir, F., & Kristinsdóttir, B. (2016). Using silent videos in the teaching of mathematics. In S. Čeretková (Ed.), *Staircase to even more interesting mathematics teaching* (pp. 157–164). Nitra: Constantine the Philosopher University in Nitra. Retrieved from [www.ukf.sk/images/WebENG/International/NISEEA-kniha-EN-4web-s.pdf](http://www.ukf.sk/images/WebENG/International/NISEEA-kniha-EN-4web-s.pdf)

2009

### Journal Articles Refereed

Niemeyer, I., Bachmann, F., Bratskikh, A., John, A., Kristinsdóttir, B., Listner, C., & Marpu, P. (2009). Techniques for object-based image analysis. *Publikationen der Deutschen Gesellschaft für Photogrammetrie, Fernerkundung und Geoinformation (DGPF) eV*, 18, 139-146.

2008

### Thesis

Kristinsdóttir, B. (2008). *Implications of Moment Invariants for Texture, Segmentation and Classification* [Diplomarbeit/Masterthesis]. Technische Universität Bergakademie Freiberg.

2006

### Reports

Jónsson, P., Kristinsdóttir, B., Árnadóttir, S., Jóhannsson, Þ., Snorrason, Á., Árnason, S., & Gunnarsson, Á. (2006). *Vatnamælingar á vatnasviðum Jökulsár í Fljótsdal, Kelduár og Jökulsá á Dal vegna vatnsréttinda í tengslum við Kárahnjúkavirkjun. Unnið fyrir matsnefnd um verðmati virkjunarréttinda í Jökulsá í Fljótsdal, Kelduá og Jökulsá á Dal.* (Hydrological measurements OS-2006-008; Access restricted, pp. 1–211). Icelandic Energy Authority.

2005

### Reports

Gunnarsson, Á., Kristinsdóttir, B., & Zóphóníasson, S. (2005). *Rennslisgögn úr vatnsbæðarmali 221 í Jökulsá í Fljótsdal, Eyjabökum: Árin 1981-1997* (Hydrological measurements OS-2005-033; Hydrological Services of the Icelandic Energy Authority for Landsvirkjun, pp. 1–70). Icelandic Energy Authority. <https://orkustofnun.is/gogn/Skyrslur/OS-2005/OS-2005-033.pdf>

Gunnarsson, Á., Kristinsdóttir, B., Árnadóttir, S., & Zóphóníasson, S. (2005). *Rennslisgögn úr vatnsbæðarmali 205 í Kelduá, Fljótsdal; Kíðafellstungu Árin 1977-1997* (Hydrological measurements OS-2005-032; Unnið af Vatnamælingum Orkustofnunar fyrir Landsvirkjun, pp. 1–86). Icelandic Energy Authority. <https://orkustofnun.is/gogn/Skyrslur/OS-2005/OS-2005-032.pdf>

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