



# SILJE EVJENTH BENTSEN

## Current position

Postdoctoral research fellow in experimental archaeology, SFF Centre for Early Sapiens Behaviour (SapienCE), Department of Archaeology, History, Cultural Studies and Religion, University of Bergen.

## Current research includes:

1. Heating experiments (ostrich eggs)
2. SEM
3. 3D scanning and analyses
4. Archaeology in social media

## Current position also entails:

1. Administrative duties
2. Social media management
3. Teaching responsibilities (lectures, some supervision)

## Career overview:

Year	Education	Archaeological employment
2022		Postdoctoral Fellow, University of Bergen
2021		
2020		
2019		
2018		
2017	Postdoctoral fellow (CLF), University of the Witwatersrand	
2016		
2015		
2014	PhD Archaeology, University of the Witwatersrand	Postdoctoral fellow (NRF), University of the Witwatersrand
2013		
2012		
2011		
2010		
2009		
2008		
2007		
2006		
2005		
2004	MA Archaeology, University of Oslo	Field archaeologists (short contracts)
2003		
2002		



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## RESEARCH INTERESTS

Fire • Geochemistry • Statistics  
Digital imaging • Public outreach  
Experimental archaeology • GIS



## PAPERS PUBLISHED

- Bentsen, S.E. (in press) Fire Use (full article). *The Oxford Research Encyclopedia of Anthropology* (online), Mark Aldenderfer (ed). Oxford University Press.
- Bentsen, S.E. 2019. Fire Use (summary). *The Oxford Research Encyclopedia of Anthropology* (online), Mark Aldenderfer (ed). Oxford University Press.  
<https://oxfordre.com/anthropology/view/10.1093/acrefore/9780190854584.001.0001/acrefore-9780190854584-e-52?rskey=Tw1wmE&result=7>
- Bentsen, S.E. & S. Wurz 2019. A Song of Space and Fire: Is There a Pyrotechnical Architecture of the African Middle Stone Age? In *Architectures of Fire: Processes, Space and Agency in Pyrotechnologies*, Dragos Gheorghiu (ed.), pp 1-15. Archaeopress.
- Bentsen, S.E. & S. Wurz 2019. Color Me Heated? A Comparison of Potential Methods to Quantify Color Change in Thermally Altered Rocks. *Journal of Field Archaeology* 44:215-233. <https://www.tandfonline.com/doi/full/10.1080/00934690.2019.1591092>
- Wurz, S., S.E. Bentsen, J. Reynard, L. Van Pletzen-Vos, M. Brenner, S. Mentzer, R. Pickering & H.E. Green 2018. Connections, culture and environments 100 000 years ago at Klasies River main site. *Quaternary International* 495:102-115.  
<https://www.sciencedirect.com/science/article/pii/S1040618217314374?via%3Dihub>
- Bentsen, S.E. & S. Wurz 2017 Towards a better understanding of cooking techniques in the African Middle Stone Age. *Primitive Tider* 19: 101-115.
- Bentsen, S.E. 2014 Using Pyrotechnology: Fire-related Features and Activities with a Focus on the African Middle Stone Age. *Journal of Archaeological Research* 22, pp. 141-175.  
<http://dx.doi.org/10.1007/s10814-013-9069-x>
- Bentsen, S.E. 2013 Controlling the Heat: An Experimental Approach to Middle Stone Age Pyrotechnology. *South African Archaeological Bulletin* 68, pp. 137-145.  
<http://www.istor.org/stable/23631439>
- Bentsen, S.E. 2012 Size Matters: An Experimental Approach to Middle Stone Age Pyrotechnology. *Quaternary International* 270, pp. 95-102.  
<http://dx.doi.org/10.1016/j.quaint.2011.09.002>
- Bentsen, S.E. 2010 A Sound of Silence? Interpreting empty areas at Pincevent. In *The Magdalenian in Central Europe. New finds and concepts. Conference proceedings*, Marta Połtowicz-Bobak and Dariusz Bobak (ed.), pp. 47-52. Fundacja Rzeszowskiego Ośrodka Archeologicznego & Instytut Archeologii Uniwersytetu Rzeszowskiego, Rzeszow, Poland.
- Bentsen, S.E. 2009 Kulturminner, kart og kratt. Tilstandsvurdering i Oslo 2008. *Nicolay* 108, pp. 38-41.
- Bentsen, S.E. 2007 A Social Instrument: Examining the *Chaîne Opératoire* of the Hearth. In *Fire as an Instrument: The Archaeology of Pyrotechnologies*, Dragos Gheorghiu (ed.), pp 19 – 24. BAR International Series 1619.

## REVIEWS AND PUBLISHED ABSTRACTS

- Bentsen, S.E. 2019. Book review: Hamilakis, Y. (ed.) (2018). The New Nomadic Age: Archaeologies of forced and undocumented migration. *Archäologische Informationen*. [https://dquf.de/fileadmin/Al/ArchInf-EV\\_Bentsen.pdf?fbclid=IwAR28rMPFZFwzidPRRWLTGTPvTY5N3gETaJXjXt1IXKSxT-ffoXCtPYeifl](https://dquf.de/fileadmin/Al/ArchInf-EV_Bentsen.pdf?fbclid=IwAR28rMPFZFwzidPRRWLTGTPvTY5N3gETaJXjXt1IXKSxT-ffoXCtPYeifl)
- Bentsen, S.E. 2018. Book Review: The Archaeology of Time Travel. Experiencing the Past in the 21st Century, edited by Bodil Petersson and Cornelius Holtorf. *EXARC journal* (online) 2018/1. <https://exarc.net/issue-2018-01/mm/book-review-archaeology-time-travel-experiencing-past-21st-century>
- Bentsen, S.E. 2016 By the campfire: Pyrotechnology and Middle Stone Age hearths at Sibudu Cave. (Published abstract) *South African Archaeological Bulletin*.
- Bentsen, S.E. 2015 By the campfire: Pyrotechnology and Middle Stone Age hearths at Sibudu Cave. (Published abstract) *Azania: Archaeological Research in Africa* 50, pp. 147-148. <http://dx.doi.org/10.1080/0067270X.2014.980610>
- Bentsen, S.E. 2013 Book review: Aurignacian Clay Hearths from Klissoura Cave 1, by Kot, M. 2012. *EXARC Journal* (online). <http://journal.exarc.net/issue-2013-3/mm/book-review-aurignacian-clay-hearths-klissoura-cave-1-malgorzata-kot>

## ARTICLES IN NEWSPAPERS AND MAGAZINES

- Bentsen, S.E. 2019. New technique helps identify which ancient rocks were used for cooking. *The Conversation* (online), <https://theconversation.com/new-technique-helps-identify-which-ancient-rocks-were-used-for-cooking-115266>
- Bentsen, S.E. 2017 This Time for Africa: African Conference on Experimental Archaeology (ACE) 2018. *EXARC journal*. <https://exarc.net/issue-2017-3/mm/time-africa-african-conference-experimental-archaeology-ace-2018>
- Bentsen, S.E. 2016 Stekepannen, bålet og kniven kan ha vært med på å forme utseendet til menneskene. *Aftenposten.no* <http://www.aftenposten.no/viten/Stekepannen-balet-og-kniven-kan-ha-vart-med-pa-a-forme-utseendet-til-menneskene-606701b.html>
- Bentsen, S.E. 2011 Hvem temmet ilden? *Levende historie* 4.