

# Zakarias Sjöström Dyrefelt

## Selected Publications

### Selected journal articles

1. Z. Sjöström Dyrefelt, “**Existence of cscK metrics on smooth minimal models**”. *Annali della Scuola Normale Superiore di Pisa Classe di Scienze* (2020), to appear. DOI: 10.2422/2036-2145.202005\_021.
2. Z. Sjöström Dyrefelt, “**Optimal lower bounds for Donaldson’s J-functional**”. *Advances in Mathematics* 374 (2020), to appear. DOI:10.1016/j.aim.2020.107271.
3. Z. Sjöström Dyrefelt, “**A partial comparison of stability notions in Kähler geometry**”. In *Moduli of K-stable varieties*, Springer INdAM series, Volume 31 (2019), Codogni, Giulio, Dervan, Ruadháil, Viviani, Filippo (Eds.), Springer International Publishing, ISBN 978-3-030-13157-9.
4. Z. Sjöström Dyrefelt, “**On K-polystability of cscK manifolds with transcendental cohomology class**”. *International Mathematics Research Notices (IMRN)*, Vol. 2020, no. 9 (2020), 2769 - 2817. With an appendix by R. Dervan.
5. Z. Sjöström Dyrefelt, “**K-semistability of cscK manifolds with transcendental cohomology class**”. *The Journal of Geometric Analysis*, Volume 28, Issue 4 (2018), pp. 2927-2960.

For a complete and updated list, please consult:  
<https://sites.google.com/site/zakariassjostromdyrefelt/publications-and-preprints>