PUBLICATIONS

Birgit Schörkhuber

Preprints

- 19. Po-Ning Chen, Michael McNulty, Birgit Schörkhuber. Singularity formation for the higher dimensional Skyrme model in the strong field limit arXiv:2310.07042
- 18. Irfan Glogić, Sarah Kistner and Birgit Schörkhuber.

 Existence and stability of shrinkers for the harmonic map heat flow in higher dimensions arXiv:2304.04104

Publications in peer-reviewed journals

- 17. Po-Ning Chen, Roland Donninger, Irfan Glogić, Michael McNulty, Birgit Schörkhuber. *Co-dimension one stable blowup for the quadratic wave equation beyond the light cone* Communications in Mathematical Physics (accepted), arXiv:2209.07905
- 16. Irfan Glogić and Birgit Schörkhuber. Stable singularity formation for the Keller-Segel system in three dimensions Archive for Rational Mechanics and Analysis, 248, 4 (2024).
- 15. Elek Csobo, Irfan Glogić and Birgit Schörkhuber.

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- 14. Irfan Glogić and Birgit Schörkhuber.

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- 13. Pawel Biernat, Roland Donninger and Birgit Schörkhuber. *Hyperboloidal similarity coordinates and a globally stable blowup profile for supercritical wave maps*.

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- 12. Irfan Glogić and Birgit Schörkhuber.

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11. Irfan Glogić, Maciej Maliborski and Birgit Schörkhuber.

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10. Roland Donninger and Birgit Schörkhuber.

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9. Pawel Biernat, Roland Donninger and Birgit Schörkhuber.

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7. Roland Donninger and Birgit Schörkhuber.

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6. Roland Donninger and Birgit Schörkhuber.

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5. Roland Donninger and Birgit Schörkhuber.

Stable blow up dynamics for energy supercritical wave equations.

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4. Birgit Schörkhuber, Thomas Meurer and Ansgar Jüngel.

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3. Birgit Schörkhuber, Thomas Meurer and Ansgar Jüngel.

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Proceedings of the 51st IEEE Conference on Decision and Control (2012) p. 3538 - 3543.

2. Roland Donninger and Birgit Schörkhuber.

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1. Roland Donninger, Birgit Schörkhuber and Peter C. Aichelburg.

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Others

- 1. Birgit Schörkhuber. *Singularity formation for the three-dimensional Keller-Segel system*. Oberwolfach Reports 19 (30/2022)/2, p. 1703 1706.
- 2. Birgit Schörkhuber. *Non-trivial self-similar blowup for the focusing energy-supercritical wave equation*.

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Thesis

1. Birgit Schörkhuber. *Stable blow up dynamics for the radial wave equation with focusing power type nonlinearities*, Vienna University of Technology, 2013.