

# Efficient Discontinuous Galerkin Method for Maxwell Elasto-Brittle Sea Ice Model

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We develop discontinuous Galerkin discretization for Maxwell elasto-rittle rheology for sea ice modelling. This presentation will briefly describe the model and present the numerical simulation results for the benchmark problem. Focus is put on a performance and efficient implementation, see [1].

## References

- [1] neXtSIM\_DG : next generation sea-ice model with DG <https://github.com/nextsimdg/nextsimdg>,

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