Joakim Kjellsson

| Contact Information | Kiellinie 79 241 05 Kiel, Germany | +44 747 91 92 667 joakimkjellsson@gmail.com http://joakimkjellsson.github.io | |
|--------------------------------------|--|--|--|
| Education | Stockholm University, Stockholm, Sweden | | |
| | Ph.D. Atmospheric Sciences & Oceanography, Feb 2014 Ph.D. thesis: "Atmospheric & Oceanic Applications of Eulerian and Lagrangi Transport Modelling" M.Sc. Meteorology, June 2009 M.Sc. thesis: "Lagrangian decomposition of the Hadley Cells" | | |
| Research Experience | GEOMAR KielPostdocAtmosphere-ocean couplingOpenIFS atmosphere model | 2017-(2020) | |
| | University of Oxford Postdoc Eddy parameterisations Eddy-mean-flow interactions Two-dimensional turbulence | 2016-2017 | |
| | British Antarctic Survey Postdoc Southern Ocean circulation and Ocean and sea-ice modelling | 2014-2016 sea ice | |
| | Stockholm University Ph.D. student Large-scale atmospheric circulat Particle-tracking in the ocean ar Climate modelling | 2009-2014 ion id atmosphere | |
| Additional Research Experience | Developer and maintainer of the TRACMASS Lagrangian trajectory code together with Kristofer Döös (Stockholm University) and Bror Jönsson (Princeton University). 1 month field work (CTD & XBT casts etc.) on the Labrabor Sea with the R/V | | |
| | Endeavour from University of Rhode Island. Lead by Dr. Dave Hebert. May 2011 Installed and made first runs with the OpenIFS atmospheric model from ECMWF | | |
| | Involved in coupling NEMO 3.6 ocean model to CICE 5 sea ice model and performed first runs at the British Antarctic Survey. | | |
| Other Experience | AOPP representative on Physics Postdocs Liaison Committee at University of Oxford Organiser of Polar Oceans seminar series and Python Users Group at British | | |
| | Antarctic Survey | | |

| | • Mentored undergraduate student within a mentorship program University | mme at Stockholm | |
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| | • Ph.D. student representative on the Department Board Meteorology, Stockholm University | | |
| | • Represented the Department of Meteorology at Stockholm U: tion exhibitions and other outreach activities | niversity at educa- | |
| TEACHING | Stockholm University | | |
| Experience | Tutor | 2009-2013 | |
| | • Numerical methods | | |
| | • Mesoscale meteorology | | |
| | • Numerical weather prediction | | |
| | • Large-scale modelling of atmosphere and ocean | | |
| | Trinity College, Oxford | | |
| | Tutor | 2016-2017 | |
| | • Fluids, Flows & Complexity | | |
| Grants Awarded | Jubileumsdonationen, K. och A. Wallenbergs Stiftelse, 8000 SEK to attend AGU Fall Meeting | 2012 | |
| | C. F. Liljevalch J:ors stipendiefond, 8000 SEK to attend AMS 19th conference on Atmospheric and Oceanic Fluid Dynamics | 2013 | |
| Languages | Programming: MATLAB, Python, Fortran, Bash, LATEX Fluent: Swedish, English Basic: German | | |
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References