

Subject: Postdoc Position, Numerical Analysis, KTH,
Stockholm

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We are announcing a two-year postdoc position in numerical analysis at KTH in Stockholm. The postdoc will work on a collaborative project with Prof Bjorn Engquist at UT Austin, "Multiscale algorithms for effective approximation of interfaces in fluid flows".

The work "interfaces" in this title includes e.g. interfaces between a region of clear fluid and a porous structure with small scale features. The essential idea is to apply efficient and accurate numerical methods based on integral equations for microscale simulations in small local domains near the interface with micro-structure, coupled with macroscale methods away

from the
interface through effective interface conditions.

The starting date is flexible, and we encourage
candidates to apply
and state a preferred starting date between Aug 2018-
Jan 2019.

The deadline for application is May 2, 2018.

More information can be found at [https://www.kth.se/
profile/akto](https://www.kth.se/profile/akto)

The official ad describing the application procedure can
be found at
[https://www.kth.se/en/om/work-at-kth/lediga-jobb/
what:job/jobID:203295/where:4/](https://www.kth.se/en/om/work-at-kth/lediga-jobb/
what:job/jobID:203295/where:4/)