

Title:

Co-designing and porting MaX codes to ARM SVE and heterogeneous architecture

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Abstract:

In the presentation the activities of MaX related to co-design and code porting will be presented and discussed, and application re-factoring actions, ending up in code official releases will be showcased. The selected programming paradigm solutions adopted together with learned lessons will be presented and discussed as well, along with suggestions for using them in other application contexts. Finally preliminary performance results of MaX codes, with different architectures setup will be displayed.