

Jyrki Katajainen

Myself

Personality: ISTP

Children: 6

Co-authors: 74

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Research group

PE-lab:

- Amr Elmasry
- myself
- 1 Ph.D. student
- 3 M.Sc. students

My background

1979–1991: Turku

1988–1989: Linköping

1990–1991: Lund

1991–present: Copenhagen

2011–: On sabbatical. Where?



Current Research

Latest papers

- Fast meldable heaps via data-structural transformations (with Amr Elmasry and Claus Jensen)
- Worst-case efficient heaps: Simplification and pointer-machine implementation (with Amr Elmasry)
- Fat heaps: Simplification and implementation (with Amr Elmasry)
- Two constant-factor-optimal realizations of adaptive heapsort (with Stefan Edelkamp and Amr Elmasry)
- Two skew number systems and one application (with Amr Elmasry and Claus Jensen)

Near future

- A survey on number systems
- # Comparisons in selection

Hot topics

- Number systems
- Transformations
- Engineering (multi-core, branch misprediction, caching)

