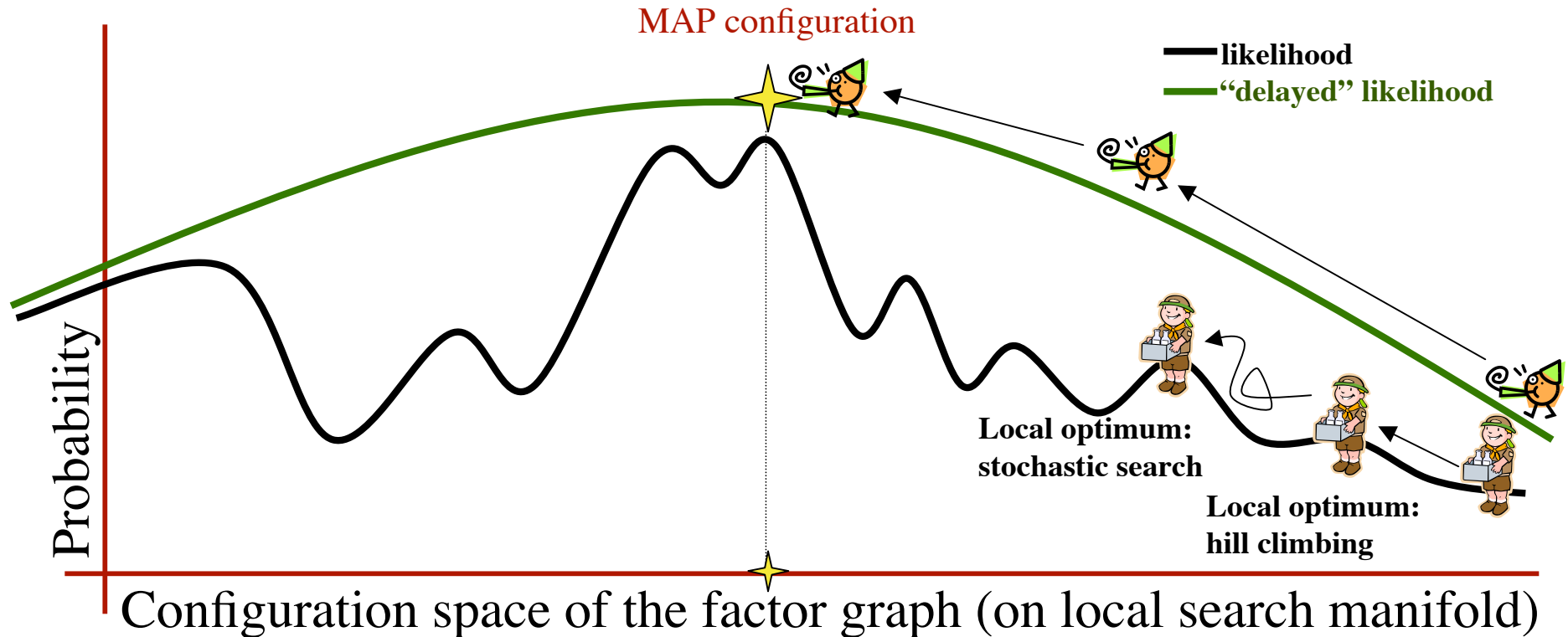


Training Factor Graphs with Reinforcement Learning For Efficient MAP Inference



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University of Massachusetts Computer Science Department (IESL)



When local search is used for MAP...
Error reductions over likelihood approximations: 75% (mh+cd1) 43%(piecewise)
... and margin methods: 29% (perceptron s.r.)

Be A Local Hero
Use Local Search

...and still reach the *global* optimum!

