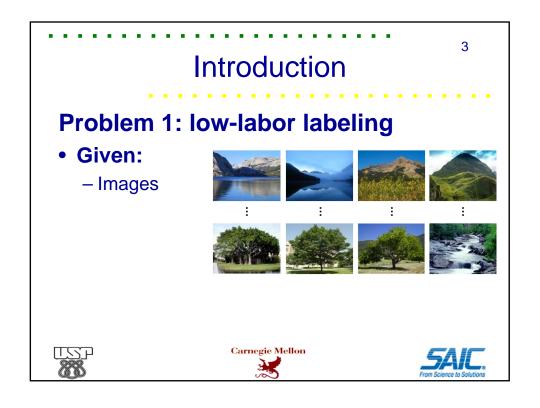
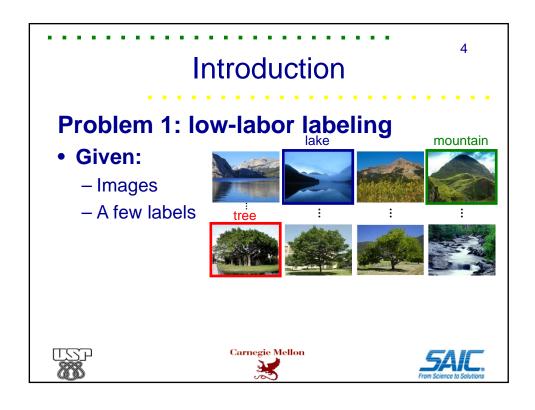
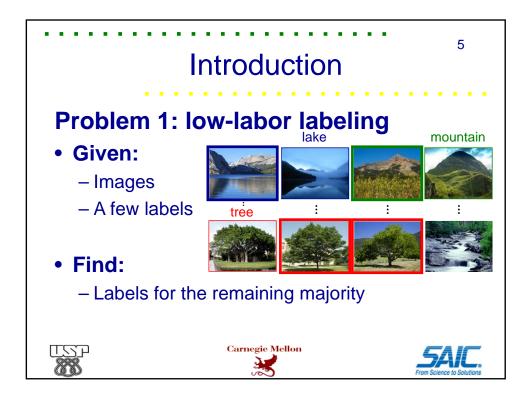
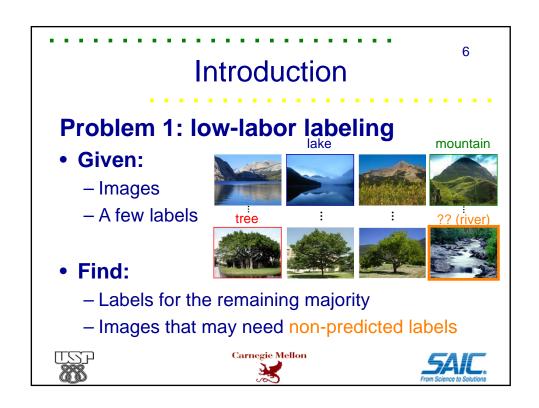


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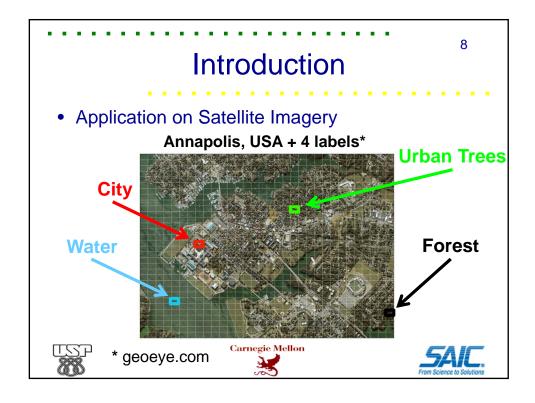




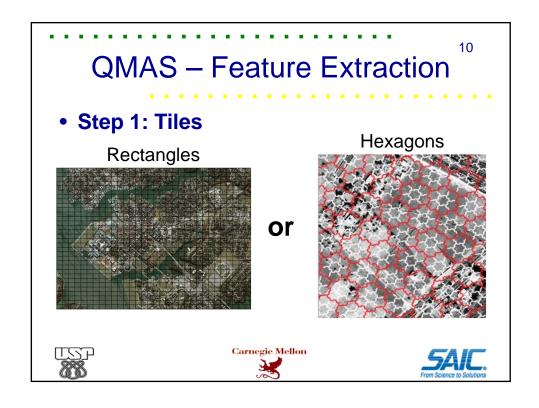


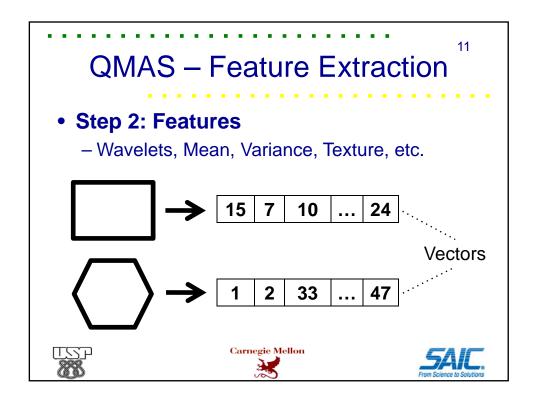
Introduction

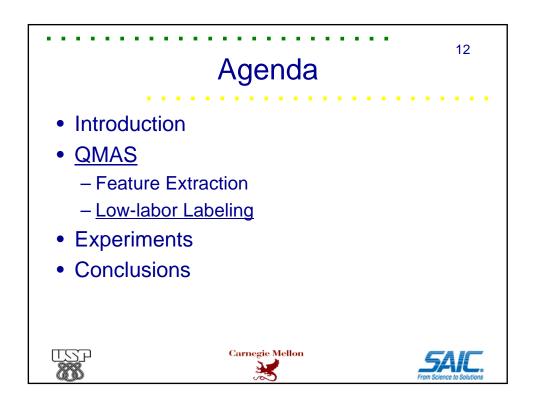
• Our main Goals
G1 – Speed
G2 – Quality
G3 – Low-labor labeling

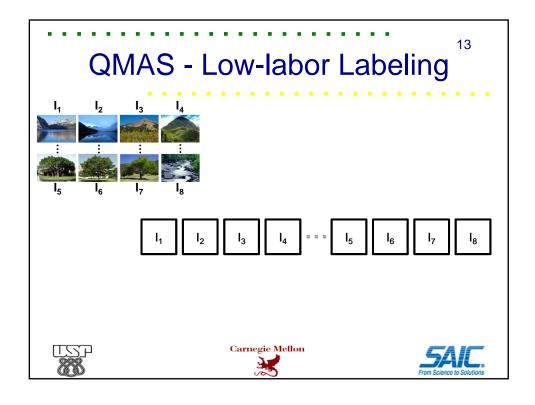


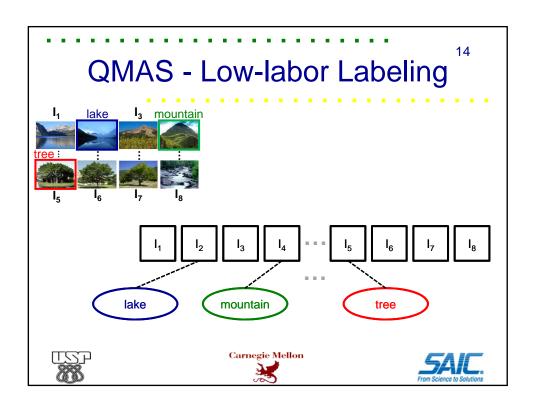
## Agenda • Introduction • QMAS • Feature Extraction • Low-labor Labeling • Experiments • Conclusions

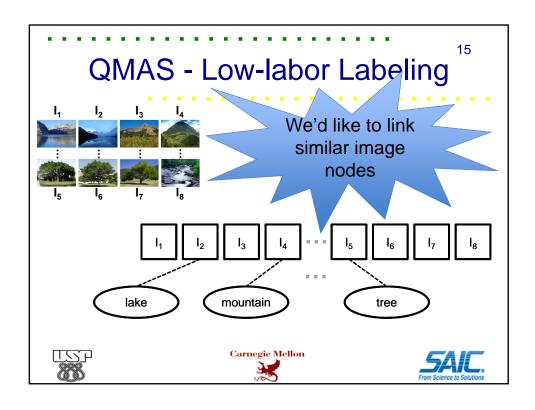


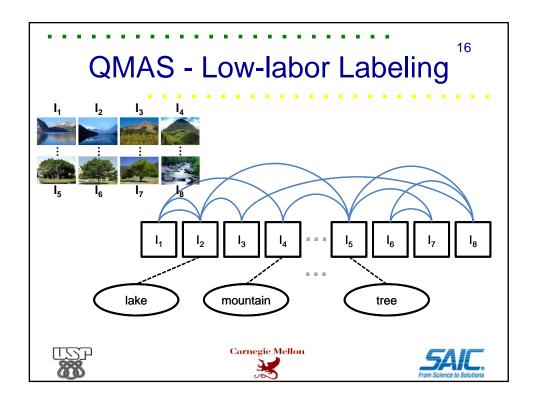


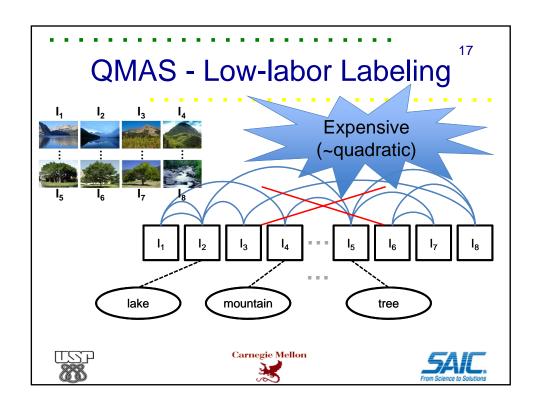


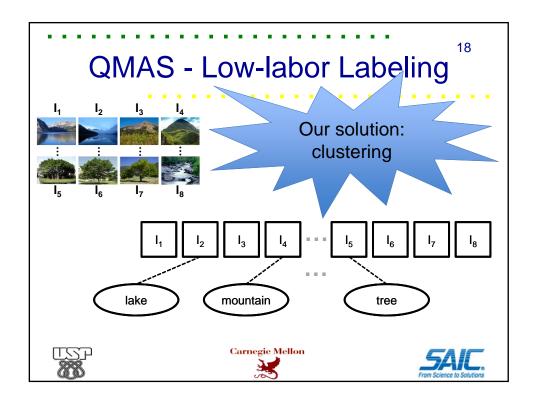


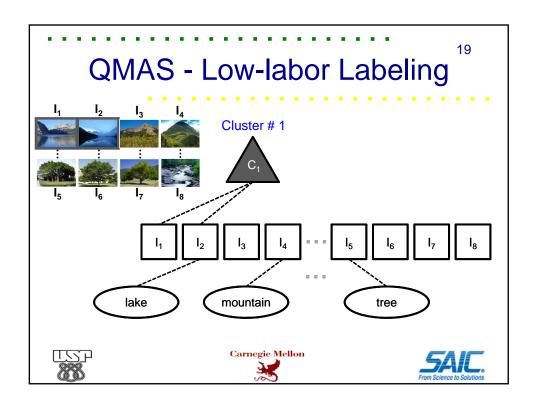


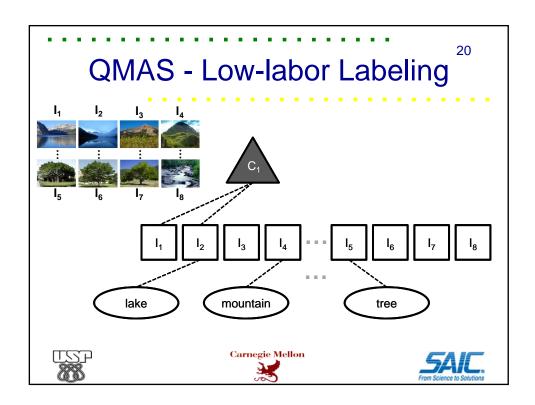


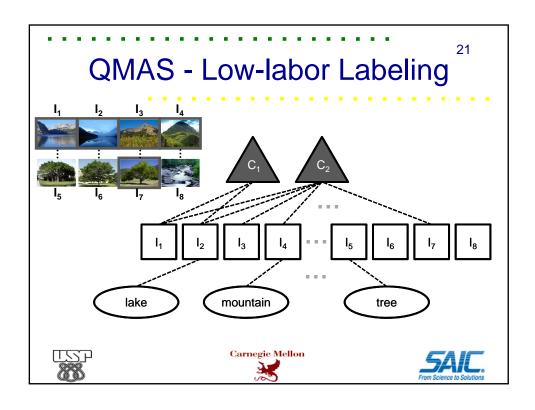


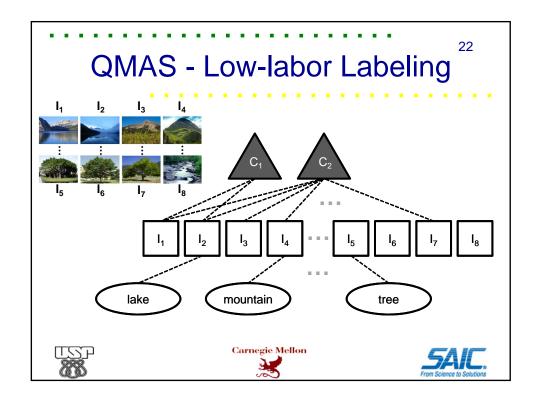


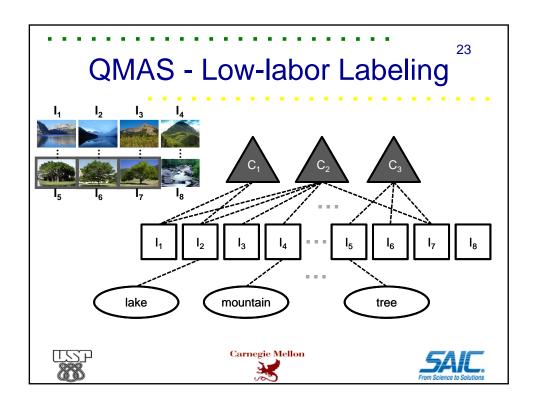


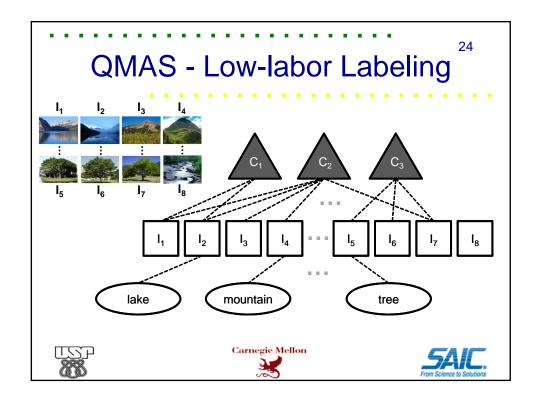


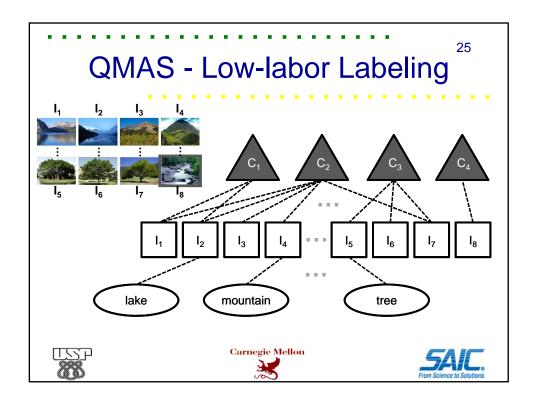


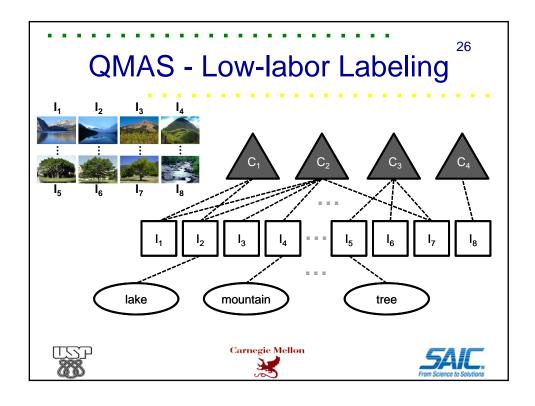


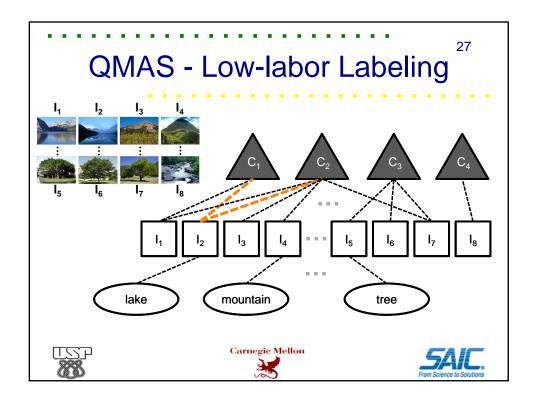


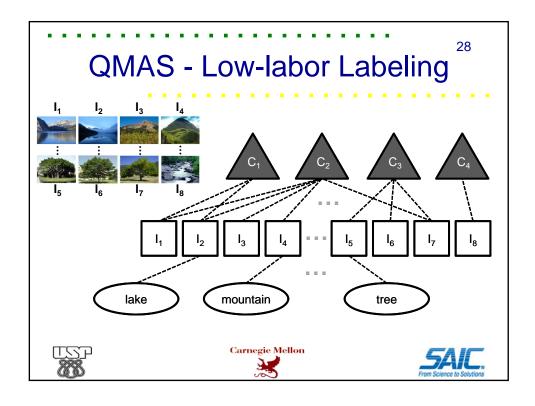


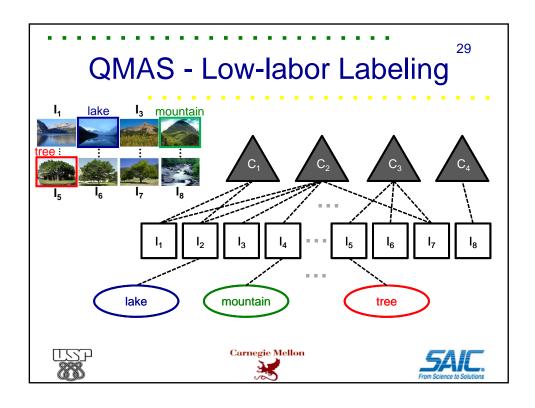


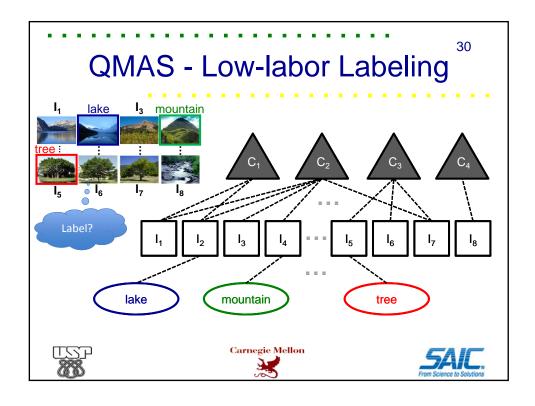


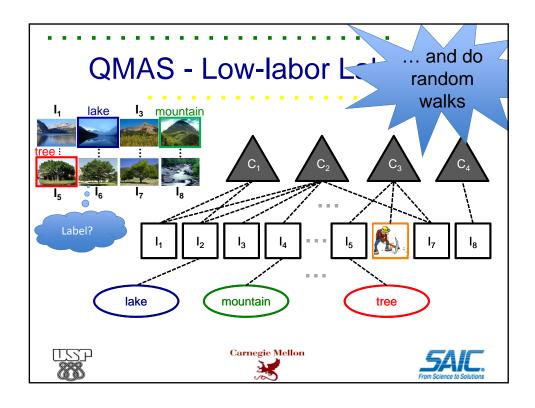


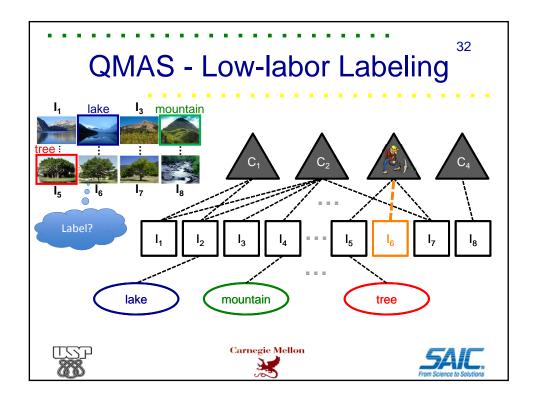


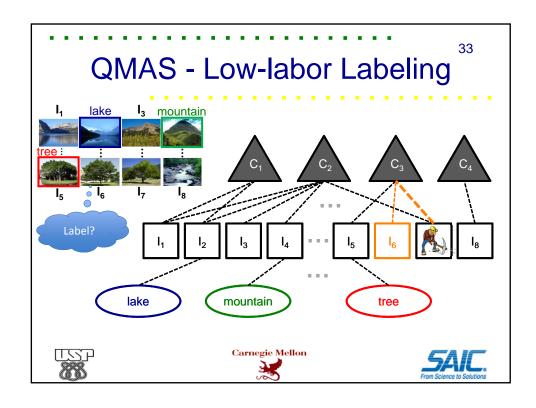


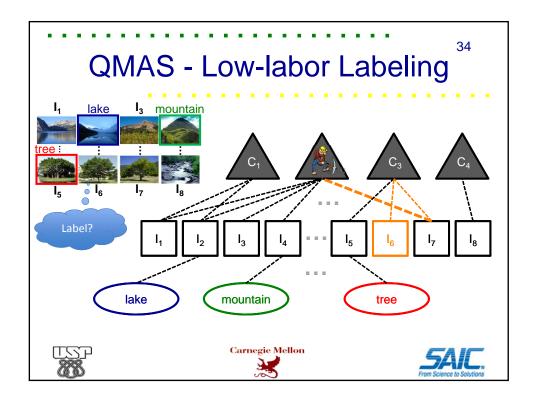


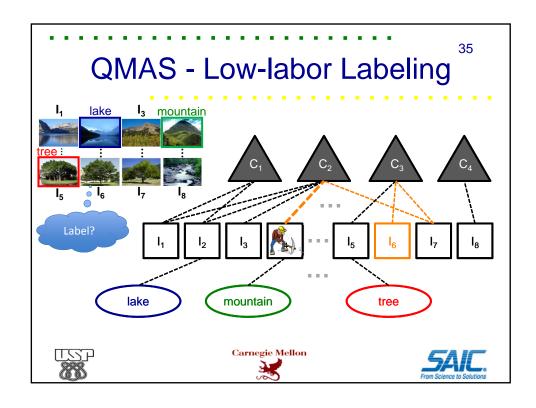


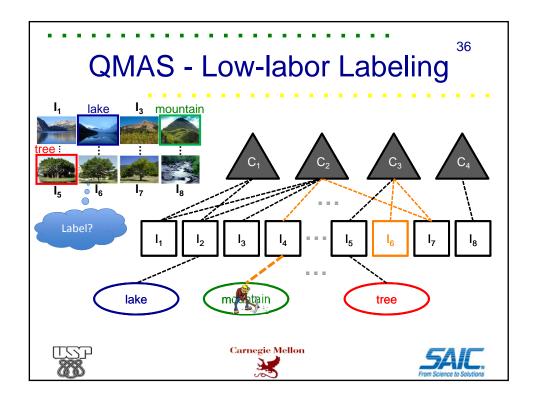


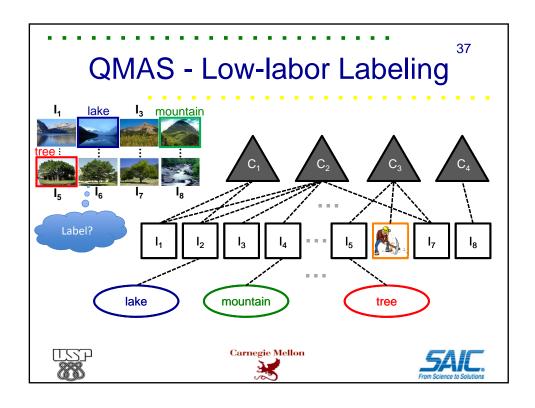


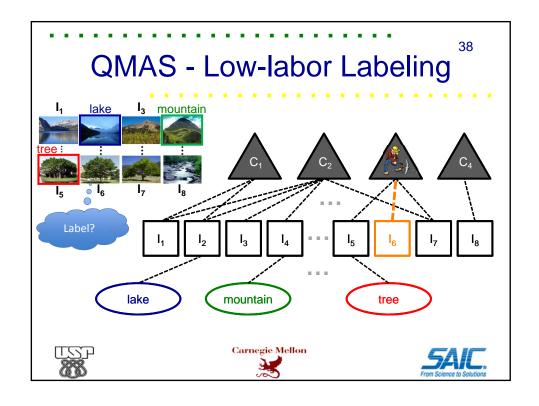


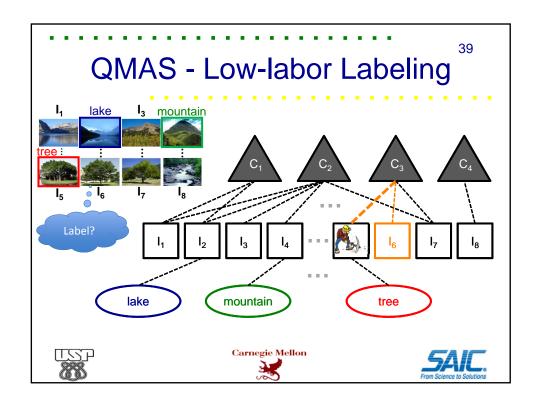


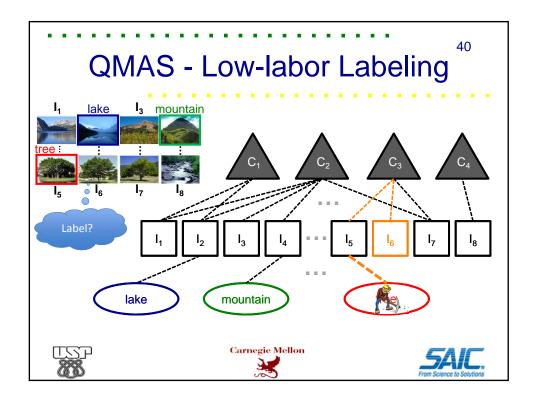


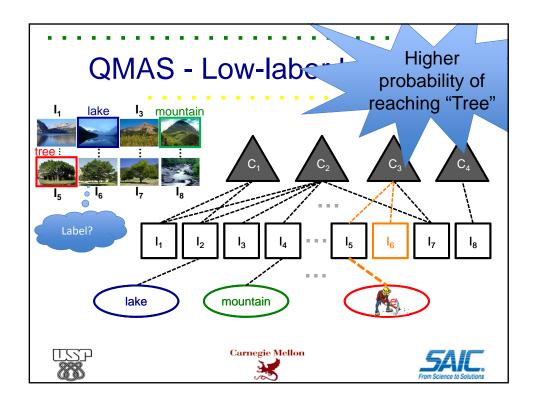


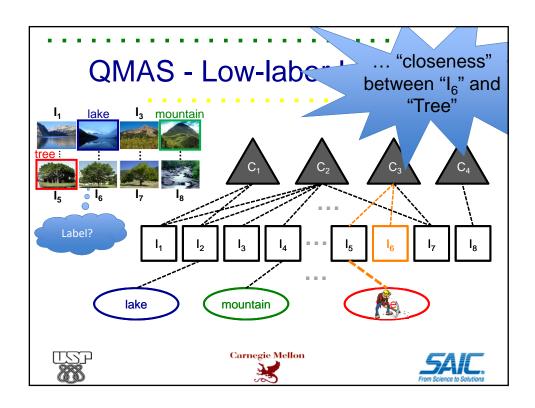


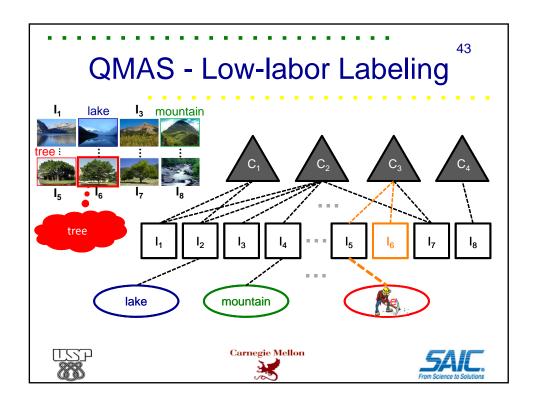


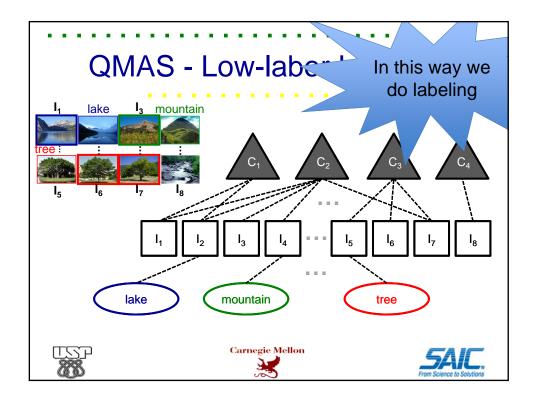


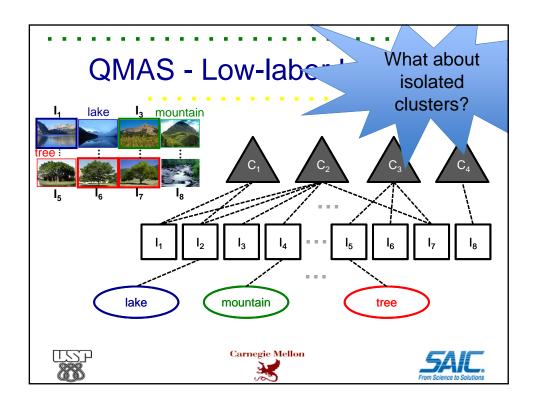


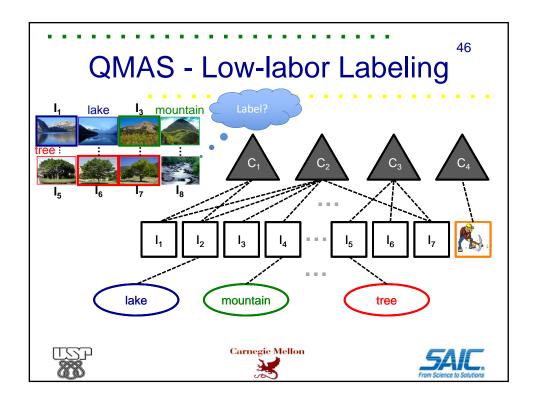


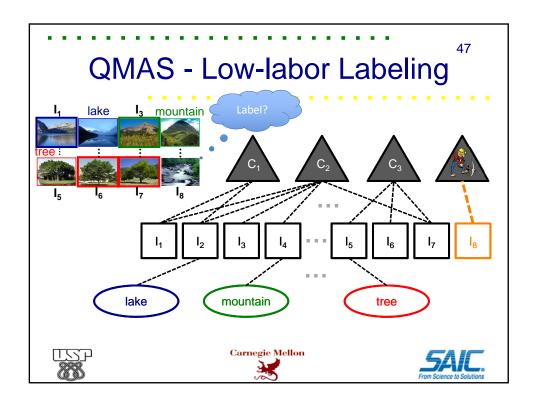


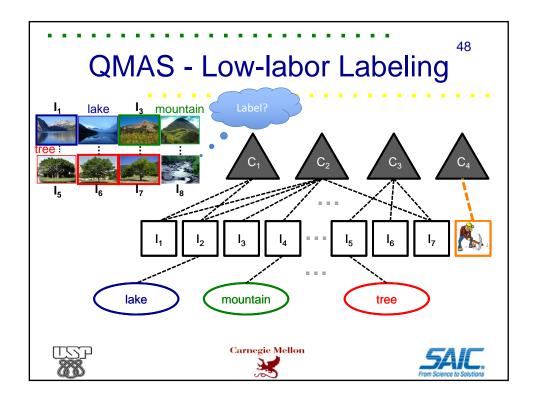


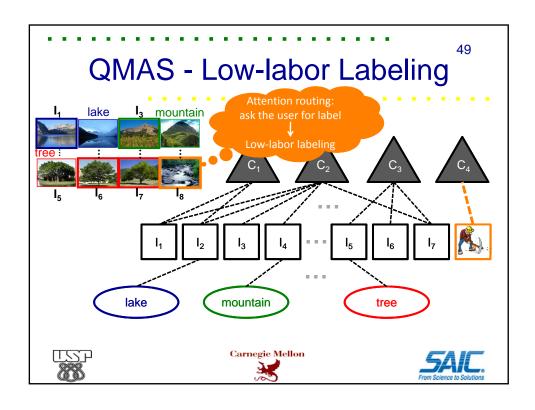


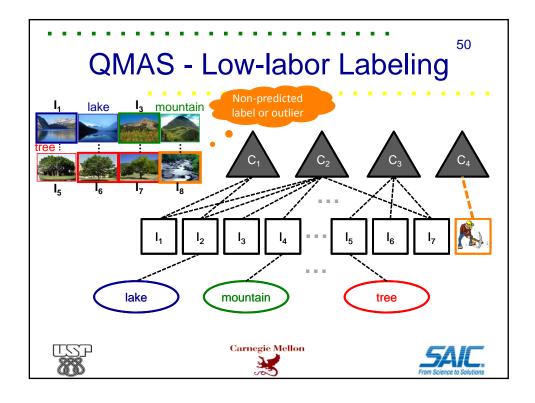




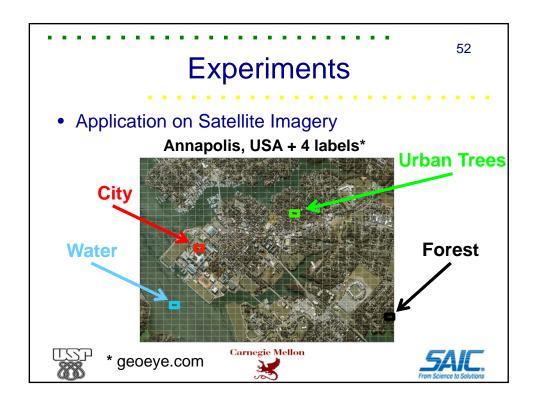


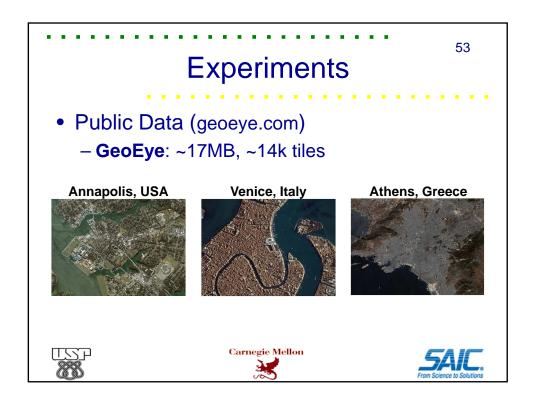


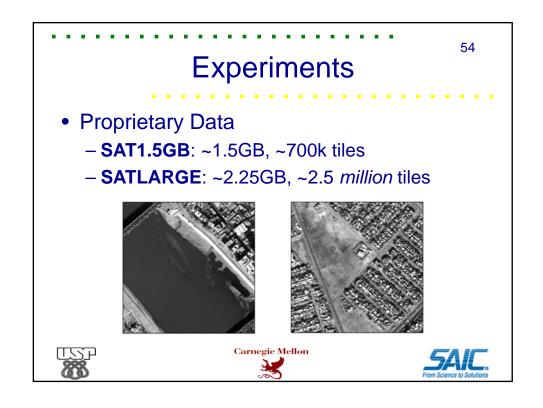




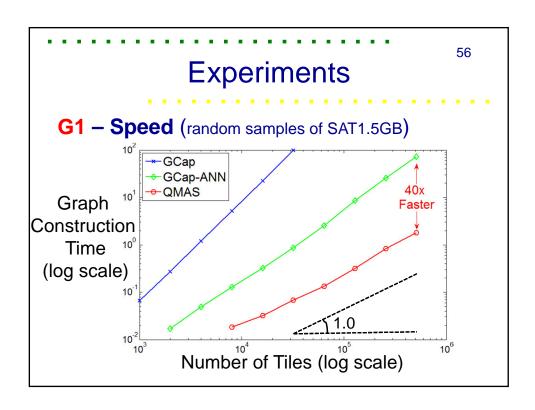
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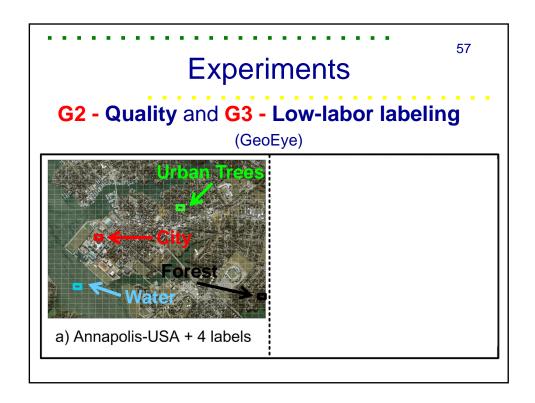


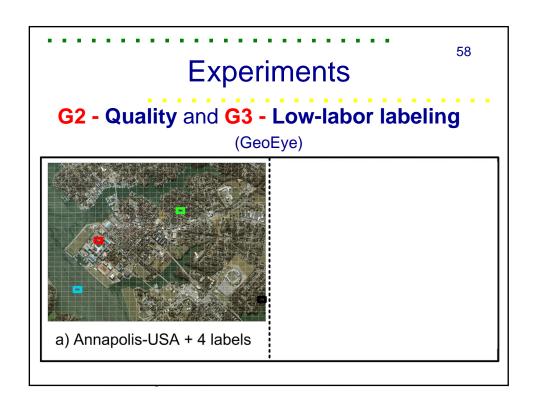


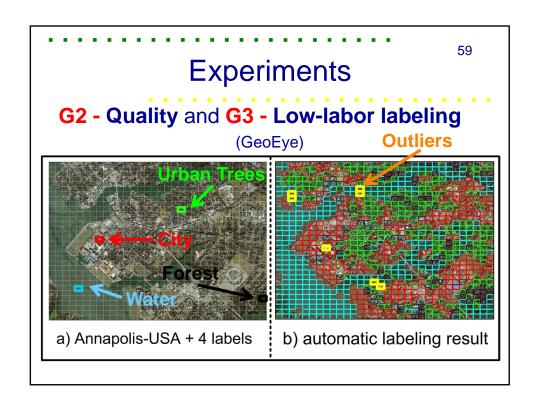


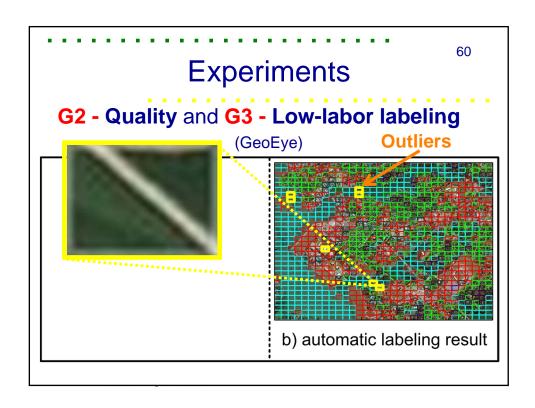
## Experiments System Configuration Linux + 2.8 GHz core + 4GB RAM Compared Related Works GCap (Pan, J. -Y. et al., CVPRW 2004) with 7NN GCap-ANN with 7NN All methods: RWR: power iteration method, c = 0.15

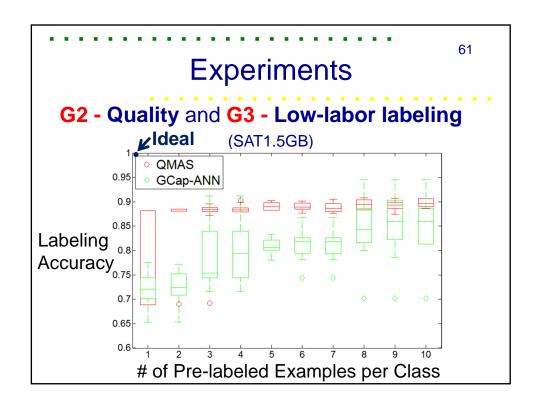


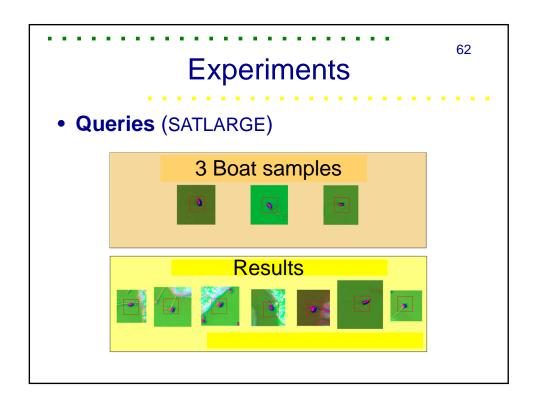












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• Introduction

• QMAS

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