PRESENTATION OUTLINE: — Parallel String Matching —

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1 Slice 1: What is string matching problem

- Important definition
- Overview and motivation

2 Slice 2-3: General Sequence algorithm

- Brute Force
- KMP, KR and Shift-or. (These are discussed to explain how much work has done on the sequence so that it cannot be parallelized)

3 Slice 4-5: Previous parallel research

- Reference
- Reference analysis and conclusion

4 Slice 6-8: How to parallel string-matching problem

- Split input parallel computing
- Parallel algorithm action
- hardware parallel

5 Slice 9-10: Parallel over cuda

- How to implement in cuda
- Implement algorithm

6 Slice 11-17: Parallel algorithm implement and examination

- Algorithm implement and
- Examination setup and result

7 Slice 18: Summary and Conclusion

- Experimental evaluation
- Comparison of other architectures

8 Slice 19: Three Questions

- What is patten and text?
- How many algorithms implemented in my programming work?
- Which algorithm has the best value in my conclusion?