

CSCE 771: Computer Processing of Natural Language

Lecture 25: Presentation of Research Papers by Students

PROF. BIPLAV SRIVASTAVA, AI INSTITUTE

22ND NOVEMBER, 2022

Carolinian Creed: “I will practice personal and academic integrity.”

Organization of Lecture 25

- Opening Segment
 - Announcements

- Main Lecture



Main Section

- Research Papers

- Concluding Segment
 - About Next Lecture – Lecture 26 and 27

Recent Classes

Nov 1 (Tu)	NLP Task: Sentiment
Nov 3 (Th)	NLP Task: Summarization
Nov 8 (Tu)	
Nov 10 (Th)	Conversation Agents
Nov 15 (Tu)	Ethical Concerns with NLP, Trusted AI and Societal Impact
Nov 17 (Th)	Working with LLMs for NLP Tasks - programming, Quiz
Nov 22 (Tu)	Paper presentations
Thanksgiving Holiday	
Nov 29 (Tu)	Project presentations
Dec 1 (Th)	Project presentations
Dec 8 (Tu)	Quiz

Review of Lecture 24

- The issue of trust
- Ethics and fairness issues
- Mitigation
 - Explanation and interpretation
 - Rating for trust

Announcements

Class Survey

Please participate in the class survey for CSCE771-001-FALL-2022

Main Lecture

Research Paper Presentation (2 mins)

- Add paper title and venue (column M) – has to be a research or application paper in last two years (2020-2022) at a top AI/NLP/Image/Audio conference: ACL, AAAI, IJCAI, NeurIPS, CIKM, CVPR, ICML, WWW.
- Prepare 1-slide summary containing the following and present in 2 mins in class
 - **Summary:** problem, solution, related work, evaluation, contributions
 - **Opinion:** What you liked or did not like

Lecture 25: Concluding Comments

- Rich set of papers presented related to language understanding

About Next Lectures – Lecture 26 and 27

Lectures 26 and 27 Outline

- Presentation of Course Project

Project Presentation Template (4 + 1 mins)

- Project Name
- Problem
- Approach
- Result
- Comment:
 - Challenges faced
 - Need help

- Test Case – *how your program run*
- Evaluation