UPDATED Sunday, February 18, 2024

Presentation Topic List Schedule for Comp-8390 (60-539) (Winter 2024)

Note: Each seminar presentation takes about 20 mins, and 5 mins for questions.
Seminar grading is scheduled as follows:
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Seminar Class (for Monday, 2:30pm – 5:20pm in ER Classroom) (GRADING GROUP A)	SEMINAR PAPER NUMBER
Ahluwalia,Gurpartap Singh	31
Ahmed,Rabea	12
Ambani,Yash Atul	7*
Abdul Rafey Khan	39
Baghbanzadeh,Amin	2
Bhate,Aditya Kunal	10
Bhojak,Rishit Devang	8
Cherry,Nathan Mackenzie	9
Dhar,Sudipta	4
Fatema,Kausar	52
Arunachalam,Shivamani	14
Abduelmula,Ali	20*
Ghiasi,Behrad	16
Jahandideh,Younes	32
Jain,Divyam	56

Seminar Class (for Monday, 2:30pm – 5:20pm in ER Classroom) (GRADING GROUP B)	SEMINAR PAPER NUMBER
Joshi,Yash Niravbhai	3
Kaur,Parneetgarn	47, 49
Kumar,Atul	15
Madu,Esther Mercy	30
Mahajan,Abhishek Pradeep	6
Mohammed,Talha Haseeb	27
Momin,Mobin Ali	5
Pandya,Kedar Rajeshkumar	29
Patel,Aniket Darpan	11
Prabhakar,Asmita	25
Shams,Haseeb	46
Tyagi,Harshil	53
Patel, Dharmik	22
Vishwakarma,Pooja	41, 42
Zeeshan,Muhammad Zohaib	45, 46

Students in seminar grading group A will grade seminars for students in seminar grading group B and vice versa.
Ensure that you have given every student grading your seminar a copy of your seminar paper by Feb. 4, 2024.

Note: seminars are graded based on clarity(2), organization(2), quality (3), technical content(3). Ensure that your paper is not less than 9 pages or you may need to present two such short papers.
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Seminar Week 1: (Monday, Mar 11), number of presenters = 7

Paper #	Seminar Paper Name	Student Presenter
31	Hongyuan Dong et al. (2023). MetricPrompt: Prompting Model as a Relevance Metric for Few-shot Text Classification. KDD'23, 426–436.	Ahluwalia,Gurpartap
30	Shitong Dai et al. (2023). Contrastive Learning for User Sequence Representation in Personalized Product Search, KDD'23,380-389.	Madu,Esther Mercy
6	Jiaxin Bai et al. (2023). Knowledge Graph Reasoning over Entities and Numerical Values. ACM KDD'23, pages 57–68.	Mahajan,Abhishek Pradeep
5	Amel Awadelkarim et al. (2023). Rank-heterogeneous Preference Models for School Choice. ACM KDD'23, pp 47–56.	Momin,Mobin Ali
4	Mario Almagro et al. (2023). LEA: Improving Sentence Similarity Robustness to Typos Using Lexical Attention Bias.KDD' 23. pp 36–46.	Dhar,Sudipta
32	Peiran Dong et al. (2023). Investigating Trojan Attacks on Pre-trained Language Model-powered Database Middleware. KDD'23, 437–447.	Jahandideh,Younes
41, 42	41. Rahul Agrawal et al. (2023). RecSys Challenge 2023 Dataset: Ads Recommendations in Online Advertising. SigMod'23, pp 1–3. 42. Jiawei Jiang et al. (2023). Integrating Explicit and Implicit Feature Interactions for Online Ad Installation Forecasting. SigMod'23, pp 4–8.	Vishwakarma,Pooja

Seminar Week 2: (Monday, Mar 18), number of presenters = 8

Paper #	Seminar Paper Name	Student Presenter
12	Donghong Cai et al. (2023). MBrain: A Multi-channel Self-Supervised Learning Framework for Brain Signals Donghong. KDD' 23, 130–141.	Ahmed,Rabea
27	Corinna Coupette et al. (2023). Reducing Exposure to Harmful Content via Graph Rewiring. ACM KDD'23, pp 323–334.	Mohammed,Talha Haseeb
15	Chengliang Chai et al. (2023). Efficient Coreset Selection with Cluster-based Methods. ACM KDD'23, pp 167–178.	Kumar,Atul
29	Joscha Cüppers, Jilles Vreeken. (2023). Below the Surface: Summarizing Event Sequences with Generalized Sequential Patterns, ACM KDD'23, pp 348–357.	Pandya,Kedar Raj
52	Fangyuan Zhang et al. (2023). Efficient Dynamic Weighted Set Sampling and Its Extension, VLDB'23, Volume 17, No. 1, pp 15-27.	Fatema,Kausar
11	Fanchen Bu, Kijung Shin . (2023). On Improving the Cohesiveness of Graphs by Merging Nodes: Formulation, Analysis, and Algorithms. ACM'23. pp 117–129.	Patel,Aniket Darpan
45, 46	45. Zhang, Q., Zhang, Z., Lu, B., He, B., Li, L., & Dong, Z. (2023). Large Scale CVR Prediction through Hierarchical History Modeling. In ACM RecSys Challenge 2023 (pp. 18-22). Part of SigMod (2023). 46. Yichao Lu, Maksims Volkovs. (2023). Robust User Engagement Modeling With Transformers and Self Supervision. SigMod (2023). pp 23–27	Zeeshan,M. Zohaib
14	Zeyu Cao et al. (2023). Privacy Matters: Vertical Federated Linear Contextual Bandits for Privacy Protected Recommendation. ACM KDD'23, pp 154–166	Arunachalam,Shivamani

Seminar Week 3: (Monday, Mar. 25), number of presenters = 8

Paper #	Seminar Paper Name	Student Presenter
3	Amine Allouah et al. (2023). Fair Allocation Over Time, with Applications to Content Moderation. ACM KDD'23, pp 25–35.	Joshi,Yash Nirav
39	Yixin Liu et al. (2023). Learning Strong Graph Neural Networks with Weak Information, ACM KDD'23, Pages 1559–1571.	Abdul Rafey Khan
2	Rishi Advani et al. (2023). Maximizing Neutrality in News Ordering. ACM KDD'23, Pages 11–24.	Baghbanzadeh,Amin
8	Anna Beer et al. (2023). Connecting the Dots -- Density-Connectivity Distance unifies DBSCAN, k-Center and Spectral Clustering. ACM KDD'23, Pages 80–92.	Bhojak,Rishit Devang
20*	Junfan Chen et al. (2023). Open-Set Semi-Supervised Text Classification with Latent Outlier Softening. ACM KDD'23, 226–236.	Abduelmula,Al
25	Hung-Yun Chiang et al. (2023). Shilling Black-box Review-based Recommender Systems through Fake Review Generation. ACM KDD'23, Pages 286–297.	Prabhakar,Asmita
46	Yichao Lu, Maksims Volkovs. (2023). Robust User Engagement Modeling With Transformers and Self Supervision. KDD'23, 23–27.	Shams,Haseeb
22	Yixin Chen, Alan Kuhnle. (2023).Approximation Algorithms for Size-Constrained Non-Monotone Submodular Maximization in Deterministic Linear Time. ACM KDD'23, pp 250–261.	Patel, Dharmik

Seminar Week 4: (Monday, Apr. 1), number of presenters = 7

Paper #	Seminar Paper Name	Student Presenter
47, 49	47.Taehee Kim et al. (2023). Capturing Performance and Privacy by Assembling Avengers of Online Advertising. SigMOD'23, 28–32. 49. Xiaoteng Shen et al. (2023). A Simple yet Strong Approach for Installation Prediction in ShareChat Ads. SigMOD'23, pp 39–43.	Kaur,Parneet
7*	Ergute Bao et al. (2023). Communication Efficient and Differentially Private Logistic Regression under the Distributed Setting. KDD'23, 69–79.	Ambani,Yash
10	Adam Breuer et al. (2023). Preemptive Detection of Fake Accounts on Social Networks via Multi-Class Preferential Attachment Classifiers. ACM KDD'23, pp 105–116.	Bhate,Aditya Kunal
9	Siddharth Bhatia et al. (2023). Sketch-Based Anomaly Detection in Streaming Graphs. ACM KDD'23, pp 93–104.	Cherry,Nathan Mackenzie
16	Deepayan Chakrabarti. (2023). SURE: Robust, Explainable, and Fair Classification withoutSensitive Attributes. ACM KDD'23, 179-189.	Ghiasi,Behrad
53	Yiming Lin, Sharad Mehrotra. (2023). ZIP: Lazy Imputation during Query Processing. VLDB, Volume 17, No. 1, pp. 28-40.	Tyagi,Harshil
56	Bolong Zheng et al. (2023). DecLog: Decentralized Logging in Non-Volatile Memory for Time Series Database Systems. VLDB 2023, Volume 17, No. 1, 1-14	Jain,Divyam

Possible unselected papers: 11, 13, 17, 19.

Remember that project presentations are scheduled immediately starting on Monday, Apr. 1 and/or Apr. 8.

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