

R244: Paper Review Presentation Assignment

2026/10/14 Session 2: Graph Processing/ Search Space & Optimisation

Presentation: akw61 (Alex) Discussion Point: yl2235 (Yaxuan)

4. J. Gonzalez, Y. Low, H. Gu, D. Bickson, and C. Guestrin: [Powergraph: distributed graph-parallel computation on natural graphs](#). OSDI, 2012.

Presentation: jef76 (Joshua) Discussion Point: hj438 (Peter)

15. J. Ansel et al.: [Petabricks: A language and compiler for algorithmic choice](#), PLDI, 2009.

Presentation: kjo29 (Ken) Discussion Point: up237 (Uli)

19. Y. Yang, et al.: (TENSAT) [Equality Saturation for Tensor Graph Superoptimization](#), MLSys, 2021.

Presentation: dhkt2 (David) Discussion Point: mgl43 (Moritz)

21. G. He, et al.: [X-RLflow: Graph Reinforcement Learning for Neural Network Subgraphs Transformation](#), MLSys, 2023.