



“Prof. Thomas G. Dietterich discusses the current state of large language models like ChatGPT. He explains their capabilities and limitations, emphasizing their statistical nature and tendency to hallucinate. Dietterich explores the challenges in uncertainty quantification for these models and proposes integrating them with formal reasoning systems. He advocates for more robust knowledge representation methods, such as knowledge graphs, and discusses the importance of safety in AI development. Dietterich also touches on the changing landscape of academic AI research and the potential of open-source models to accelerate innovation in the field.”