

# Translational AI Center (TrAC) Training Fall 2023

## Tutorial on Demystifying Trending AI Techniques

October 20<sup>th</sup> 2023, 1:00 – 5:00 PM

Location: Online (Zoom)

Join us for a four-hour tutorial exploring current AI techniques and innovative approaches with the potential to reshape various domains.

### Tentative list of topics:

1. Generative AI: GPT4, Llama, Langchain, MidJourney, Stable Diffusion, and more.
2. Multimodal Models: Dalle, CLIP, and other transformative models.
3. Computer Vision: Explore advanced models like SAM, YOLOv8, and their applications.
4. Reinforcement Learning: Discover the Generalist agent and other groundbreaking RL methods.
5. Cutting-Edge Algorithms: Master self-supervised learning, Nerfs, INRs, and beyond.

### Additional discussions:

- Trends in AI: Analyze the direction of AI research and its future trajectory.
- Consequences & Implications: Discuss the ethical, fairness, and bias considerations of AI.
- Translating AI: Explore how AI techniques can be adapted to various domains.

When: October 20<sup>th</sup>, 1 PM – 5 PM

Mode of Instruction: Online (zoom)

### Registration:

To register for the tutorial, please visit: <https://go.iastate.edu/YKOFOR>

Registration deadline: **October 18<sup>th</sup>, 2023 5PM**

### Registration Cost:

Students: \$20

Industry Professionals: \$100

### Contact Information:

For more information, please email: [baditya@iastate.edu](mailto:baditya@iastate.edu)



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