14. Tomohiro HAYASE (Fujitsu Laboratory)

Scaling limit of random neural networks and free probability theory

Abstract

Last 2 to 3 years, the research of random neural networks has become hot for understanding the dynamics of Neural Networks. In this talk, the speaker introduces recent works of the random neural network as many as possible. For example, the S-transform of Jacobian spectrum, the neural tangent kernel, and the tenser problem are in the scope of the talk.