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**Paper Title : Self-Driven Magnetic Fluid Cooling for Power Devices Utilizing Permanent Magnet**

**Bio :**

Masataka Anazawa is a student in the Department of Electrical, Electronic and Information Engineering at Nagaoka University of Technology, and belongs to the Advanced Energy Conversion Laboratory, where research is conducted on the elemental technologies of power electronics.

Anazawa is conducting research on heat transport technology that uses magnetic fluids without mechanical components, and his research activities within power electronics include heat transfer engineering, fluid dynamics, and magnetic circuits.