

NioCAD - Brief History and Current Activities

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Abstract - We introduce NioCAD, a company based in Stellenbosch, South Africa. NioCAD develops an EDA suite, called NioPulse, which is specifically designed for the superconductive electronics industry. We provide a brief history of the organisation, as well as an overview of the purpose and capabilities of NioPulse.

Keywords - Superconductive electronics, electronic design automation, computer aided design, integrated circuit, Josephson junction, rapid single flux quantum, foundry, simulation, optimisation, physical implementation, parameter extraction, verification.

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