MUR DM 117/VISHAY - Physical Models for spice simulation of wide band gap device

**Funded By**

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**Supervisor**

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**Contact**

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**Context of the research activity**

- Create a simplified physical model of wide band gap device (Planar and trench structure)
- Method to identify parameters of the model
- Software implementation and validation of model

Progetto finanziato nell'ambito del PNRR – DM 117/2023 - CUP: E14D23002050004

**Objectives**

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**Skills and competencies for the development of the activity**

Master degree in electronic engineer, computer engineering, medical engineer, applied physics. The candidate should have solid base in math, semiconductor physics, electronic devices and electronics. Basic skill in: Model and identification, Electronic measurement analog digital and power electronics are welcome. Mathlab, Spice, Comsol, Phyton are tools that will be necessary.