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| Logo, company name  Description automatically generated | **Design contest for first-time users** **of GaN-IC 650V technology** |

University Name and Faculty: Click here to enter text.

Name of Professor/Advisor: Click here to enter text.

Name of student(s): Click here to enter text.

Study Program of the student(s): Choose an item.

Contact email address: Click here to enter text.

**Short description of the design (including design aspects and future application)**

*Please do not forget to also fill the full application description on the backside of this form.*

Click here to enter text – max 10 lines

Commitment:

 [ ]  the authors are committed to mention “imec’s GaN-IC technology and MPW services” at related publications.

 [ ]  the authors are committed to give testimonial of “imec’s GaN-IC technology and MPW services” at requested publications.

I, undersigned, hereby commit to pay to imec’s GaN-IC MPW services via EUROPRACTICE

* In case of requesting extra sets of GaN-IC dies (on top of the 40 samples granted)

Name and signature: Date of signature:

*Conditions:*

* *Multiple applications can be submitted, but a maximum of 1 design per university can be approved.*
* *The design has to be taped out on imec’s GaN-IC MPW run on October 20th, 2021.*

Please email PDF to Maritza.TangarifeOrtiz@imec.be before August 18th, 2021.

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FULL APPLICATION DESCRIPTION OF PROPOSED DESIGN

*Short name of project:* Click here to enter text.

*Application field:* Describe the intended field of application of the GaN-IC design (max. 5 lines)

*Design methodology:* Describe the proposed GaN-IC design and proposed design methodology (incl. tools) to be used (max. 20 lines)

*Main characteristics:* Describe the characteristics (e.g. complexity) and challenges in your design (max. 15 lines)

*Novelty:*  Describe the novelty of your design and make a comparison with state-of-the-art designs (in terms of key performance indicators (max. 15 lines)

Teaching/research evolution by your institute: Explain how your group will intend to use the results/experience of this design exercise in further research using design and fabrication and/or teaching activities addressing this. (max. 15 lines)