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| Logo, company name  Description automatically generated | **Design contest for first-time users**  **of SiN photonics technology (BioPIX)** |

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 SiN photonics technology and MPW services” at related publications.

the authors are committed to give testimonial of “imec’s SiN photonics technology and MPW services” at requested publications.

I, undersigned, hereby commit to pay to imec’s SiN photonics MPW services via EUROPRACTICE

* In case of requesting extra sets of SiN photonics dies (on top of the 20 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 SiN Photonics BioPIX300 MPW run on November 1st, 2021.*

Please email PDF to [sinmpw@imec-int.com](mailto:Maritza.TangarifeOrtiz@imec.be) before September 27th, 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 SiN design (max. 5 lines)

*Design methodology:* Describe the proposed SiN 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)