

dr. Lennart de Vreede

- MESA+ founded in June 1990 a 30 years track record in micro- and nanotechnology ~600 fte
- Application areas: Health Climate -Security
- Infrastructure: Nanolab with highend lab equipment and cleanroom facilities. ~100M€ on cleanroom equipment and analysis tools
- Centres:
 - Organ on chip
 - Quantum- materials, electronics and photonics
 - Integrated photonics
 - Brain inspired computing
 - Molecules
 - Batteries
 - Low energy data centre

 Facilitating both academic research and industrial development

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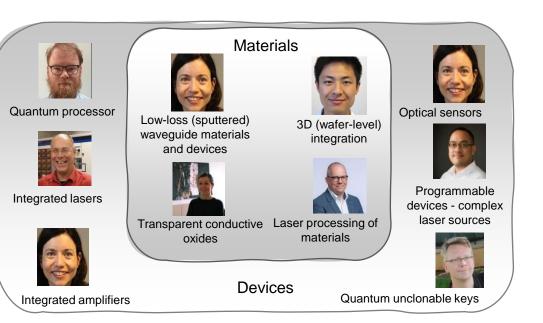


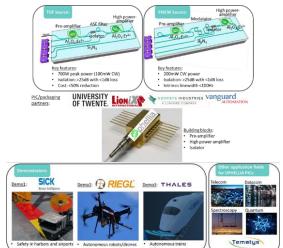


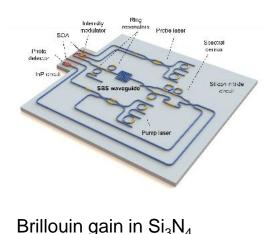
|Center for Integrated Photonics

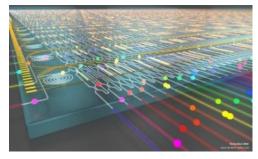
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 - Chip Tech Twente









Quantum processing

Integrated LIDAR systems

Open access Pure play PIC foundry:

To empower the ecosystem in Twente and expand on chip technologies: R&D, chipdesign, chip production, back-end & application



Motivation:

- Photonics, Electronics and Microfluidics are Key Enabling Technology
- The Netherlands is ahead in integrated photonics
- Twente has a leading position for Silicon Nitride production and IC chip design



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ASPIRE 先端国際共同研究推進事業 Adopting Sustainable Partnerships for Innovative Research Ecosystem



2023年度 先端国際共同研究推進事業(ASPIRE)研究提案の募集について

JSTトップ > 先端国際共同研究推進事業 > 2023年度 先端国際共同研究推進事業(ASPIRE)研究提案の募集について

令和5年6月6日

先端国際共同研究推進事業(ASPIRE)研究提案の募集を開始します。

> Link to English page for 2023 open call

JSTは、我が国の科学技術力の維持・向上を図るため、優秀な若手研究者等の科学技術先進国への渡航や海外からの若手研究者の招聘、トップレベルの国際共同研究を通して、最先端の研究開発に繋がるネットワークを構築しつつ、国際的にリードしていく研究者の育成に資する課題提案を募集します。



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