



## Profile Microwave Photonic System Engineer

### Company profile

LioniX International is a leading global provider of customized microsystem solutions, in particular integrated photonics-based, in scalable production volumes. We provide customized solutions for OEM's and system Integrators, by vertical integration, from design to fully assembled modules. We continuously maintain our technology leadership secured in a strong IP position. Currently LioniX International employs nearly 50 highly educated people, and its management has multiple decades of combined experience in micro/nano system technology.

Further information on our website [www.LioniX-International.com](http://www.LioniX-International.com)

### Job description

As microwave photonic system engineer you are responsible for the system design, functional design and characterization of integrated microwave photonic systems.

- Integrated microwave photonic system design
- Functional design using existing and new integrated building blocks
- Splitting of functions over different technologies (mainly TriPleX and InP)
- Interact with design team for mask design
- Realization of the characterization plans
- Characterization of the integrated modules
- Delivery to the customer

### Professional requirements:

- PhD. degree in physics or electrical engineering
- Minimum of 3 years of professional experience in Microwave Photonics
- Knowing the (scientific) MWP community
- Able to present the LXi devices to customers and at conferences
- Experience with RF and optical measurement set ups is required
- Minimum of 3 years of project leadership and able to work in project teams
- Capable to write project reports or required documentation for the customer
- Practical and pragmatic approach
- Capable of working independently
- Well organized

**Languages**

- Good English verbal and written communication skills
- Dutch or willing to learn to speak Dutch

**Contact**

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