## <u>Acknowledgements</u>

# Remark on the master's dissertation and the oral presentation

### **Abstract**

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### <u>Glossary</u>

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# Introduction Motivation Research questions

**Programmable photonics** 

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**Compiler and runime** 

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**Functional programming** 

**Object-oriented programming** 

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## **Translation of intent**

## The PHÔS programming language

# Examples of photonic circuit programming

### <u>Using traditional programming languages</u>

# Extending PHÔS to generic circuit design Simulation in PHÔS

### Co-simulation with digital electronic Towards co-simulation with analog electronic

### **Future work**

**Conclusion** 

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