



Assoc. Prof. RNDr. Martin Kubala, Ph. D.
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Recommendation for full professorship of Assoc. Prof. Petr Marek

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Dear Prof. Kubala,

I would like to happily recommend Associate Professor Petr Marek from Palacký University Olomouc for the position of full professor. I met Petr for the first time when he was still a student and even then, I was impressed by his creativity and passion for physics. Over the following years we have collaborated on many topics, resulting in a number of high-quality publications on new methods to process quantum information of modes of light – an area that naturally evolved into the field of bosonic quantum computation.

Petr is an excellent theoretical physicist who, nevertheless, does not lose contact with the experimental reality. Many of his publications deal with the crucial proposals of new experiments and their evaluation and lie on the cutting edge of contemporary quantum information processing with light. This expertise led to his collaboration with several experimental groups – apart from my institution, the Technical University of Denmark, there is also the University of Tokyo, Sorbonne University in Paris, and Max-Planck institute for the Science of Light in Erlangen. Naturally, this collaboration also resulted in several joint projects.

In addition to his research skills, Petr has also demonstrated exceptional skills in organizing events for the international community. The series of workshops in Olomouc, which culminated in this year's successful Central International Workshop on Quantum optics, provided an outstanding platform for the exchange of ideas and fostering professional connections.

Furthermore, Petr is also an excellent educator who effortlessly builds rapport with both undergraduate and graduate students, guiding them towards their degrees and future careers in academia and beyond. I am confident that he will continue to excel and make significant contributions as a full professor.

Best regards,

Ulrik Lund Andersen
Professor
DTU Physics