



Consiglio Nazionale delle Ricerche
Istituto di Fotonica e Nanotecnologie

Prof. Martin Kubala, PhD
Dean of the Faculty of Science
Palacky University
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Olomouc -Czech Republic

Como, March 10, 2025

Subject: Recommendation letter for Assoc. Prof. Karel Lemr, PhD

Dear Prof. Kubala,

It is a pleasure for me to write this recommendation letter for Dr. Karel Lemr for his promotion to full professor.

I work as senior researcher of the Italian National Research Council – Institute for Photonics and Nanotechnologies (CNR-IFN) and adjunct professor at the Department of Science and High Technology of the Insubria University in Como, where I lead the research activities of the Laboratories of Quantum Optics and Photophysics of Biomolecules.

I first met the candidate, Dr. Lemr, in 2013 in Olomouc while he was a junior researcher. We worked together in the first Joint International Physics Summer School - Optics for high school students organized by the Department of Science and High Technology in Como and the Joint Laboratory of Optics in Olomouc. Since then, we repeated the Summer School every year till 2019. Dr. Lemr was a wonderful organizer, teacher and mentor for the students at the Summer School, receiving optimal appreciation.

In 2017 he visited our group in the occasion of the Festival of Light in Como to give a talk on light and colors for the general public. I can safely confirm that Dr. Lemr is a wonderful science disseminator able to engage and fascinate the audience.

The collaboration between our research groups has also extended to topics in quantum optics and quantum information for several years, during which Dr. Lemr demonstrated his knowledge and skills in both experimental and theoretical modelling. In 2019, we took advantage of his competences by asking him to write a report the PhD thesis of a student of our Department (Paolo Ragazzi “Research on a bright light source: optics, technology and effects on humans”).

Considering his publication record, the number of funded projects and the number and quality of supervised Masters and PhD theses, I can confidently say that Dr. Lemr is now complete as a researcher, lecturer and group leader. I am sure that Dr. Lemr is perfectly qualified for promotion to full professor.

Yours sincerely,

Maria Bondani, PhD

CNR-IFN

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