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Fakultät IV
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FG Nachrichtenübertragung
Prof. Dr.-Ing. Thomas Sikora

To Whom it May Concern

Tel.: (030) 314 - 25799   Datum: 27.08.25 / Bo

Letter of Recommendation

for Mrs. Yi-Hsin Li

I am writing in support of Mrs. Yi-Hsin Li who is pursuing a double-degree PhD under my supervision and currently in final stage of submitting to our Faculty.

Mrs. Li is an excellent and innovative engineer and researcher, with strong technical and mathematical skills, hard working and dedicated to her task. She is a good team player but can work highly independent. She possesses good communications skills and is in excellent command of the English language, both verbal and in writing.

Mrs. Li has been employed in my Lab from 15.11.2021 to 14.11.2024 as a full time researcher and PhD student within the European PLENOPTIMA Doctoral Degree Program (https://plenoptima.eu). The program provides high quality international training workshops and industry placements, and requires high mobility and independence of participating researchers. Yi-Hsin is currently placed at Mid Sweden University and will return to Berlin for presenting her thesis.

Mrs. Li focuses on real-time radiance field rendering, a computer vision subject with application in novel 3D multimedia systems and robotics. The work involves development and implementation of novel machine-learning computer vision concepts in software, with focus on GPU-accelerated training and rendering.

Mrs. Li is a very fast implementer and possesses excellent software skills in Python/Pytorch and within the CUDA framework. She has matured into an innovative and highly productive researcher, whose research contribution is starting to make very significant impact in the field.

As of today she published or submitted as first author five papers to highest ranking workshop and journal proceedings, incl. IEEE Transactions and SIGGRAPH. This is an excellent outcome far above expectation, in particular given the short period of time for her PhD work.

I have no hesitation to recommend Mrs. Li to any position in industry and academia. I am confident she will contribute significantly in any environment.

I respectfully request that her application is given all possible consideration.

Prof. Dr.-Ing. Thomas Sikora
Chair, Communication Systems Department

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