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電腦科學系  
Department of Computer Science

September 10, 2024

To Whom It May Concern:

I am writing to provide a comprehensive sponsorship for Dr. Meng Wang in support of her application for the IEEE MMSP 2024 Travel Grant. I am her supervisor since 2018 in City University of Hong Kong where Meng Wang was pursuing the Ph.D. degree and then working as a postdoc researcher. I can state based on her contributions and outputs including the academic papers and novel technical contributions to artificial intelligence-oriented coding that Dr. Meng Wang is one of few outstanding researchers in the field of computer science, particularly in the realm of video compression and artificial intelligence.

Dr. Meng Wang obtained her PhD Degree in October 2021 from the City University of Hong Kong. She joined Lingnan University, Hong Kong, as an Assistant Professor since August 2024. As a new professional in the field, Dr. Meng Wang would greatly benefit from the financial support provided by this travel grant. The MMSP 2024 conference represents a valuable opportunity for her to network with peers, share her research, and gain insights into the latest advancements in multimedia signal processing.

Dr. Meng Wang is also the organizer and chair of the special session titled "Exploring Generative AI Technologies in Multimedia Signal Processing" at IEEE MMSP 2024. Her role as an organizer underscores her commitment to advancing the field and facilitating important discussions among researchers and professionals.

Dr. Meng Wang is an exemplary candidate for this application due to her significant contributions to the fields of video coding, AI-based coding, and generative coding. She has authored/coauthored over 40 refereed journal articles/conference papers, including 21 papers in IEEE Transactions (e.g., TIP, TCSVT, TMM). She actively participated in the development of VVC, AVS and JPEG-AI standards, and 27 technical proposals are adopted. She has developed a series of advanced video coding technologies, significantly improving the rate-distortion performance in developing the emerging video coding standards. Her paper has received 400 citations, and h-index is 11 according to Google Scholar. She received the "Top Performance Award" in three competition tracks in IEEE ISCAS Grand Challenge on Neural Network-based Video Coding.

Considering her contributions and her genuine need for support as she navigates the early stages of her academic career, I strongly endorse Dr. Meng Wang's application for the travel grant. Your support would not only aid her professional development but also enrich the conference through her participation and contributions.

Please feel free to contact me if you require any further information or clarification regarding Dr. Meng Wang's qualifications and suitability for applying the grant. Thank you for considering Dr. Meng Wang's application.

Sincerely yours,

Dr. Shiqi Wang

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A handwritten signature in black ink, reading "Shiqi Wang". The signature is written in a cursive, flowing style with a large, stylized 'S' and 'W'.