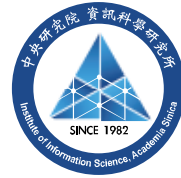


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October 28, 2016

To Whom It May Concern,

I am writing this letter to support Wei Cai's competition for ACM Doctoral Dissertation Award.

Cloud gaming service delivery is a challenging topic that involves many critical challenges in real-time multimedia transmission. Wei finished his doctoral dissertation in addressing these issues theoretically and empirically.

His work contributes optimization theories and methodologies for cooperative real-time video encoding and dynamic software partitioning. Both of these investigations conducted solid modeling and simulations, which provide the researchers in these directions an important insight and references.

In addition to the theoretical studies, Wei's dissertation also includes a test-bed implementation to back up his proposal. Claimed as the first testbed in decomposed cloud gaming, Wei's empirical work will bring substantial attentions and interests for certain. His experiments on the prototype games provide a preliminary proof of the concept of decomposition, especially in the latency sensitive interactive systems.

These contributions assure Wei's dissertation an excellent one. I would offer my strong support for Wei's competition in ACM Doctoral Dissertation Award. If any further information is required, I will be happy to take any question regarding my recommendation.

Sincerely yours,

Sheng-Wei Chen

Sheng-Wei "Kuan-Ta" Chen

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