

# I-DEMO proposal for IDW '24

## 1. Title of demo

360-degree Augmented Reality Visualization for AR Tour
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*Note to paper presenters: The demo title can be different from the manuscript title.*

## 2. Name of the person(s) and affiliation(s) who performs demonstration

Name			Affiliation
First	Middle	Last	
John		Smith	ABC Corporation
Mary		White	ABC Corporation

*Note: Please list the names of all the people who will be participating in the demonstration in-person. All people in this list must pay the conference registration fee.*

## 3. Corresponding person

Name			Email address
First	Middle	Last	
John		Smith	johnsmith@abc.com

## 4. Submission number

If you are a paper presenter, please enter your submission number given by the paper submission system, which is either C00xxxx or LN- C00xxxx.

C000999
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## 5. Special invitation code

If you have IIDM-Code, please enter your code.

None
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## 6. Summary

Write a 100 words summary of your demo.

We will demonstrate our innovative Augmented Reality touring system that shows augmented 360-degree picture to its user via HMD. The demo system consists of a computer and an HMD as shown in Fig. 1 (a). The system first enhances the original 360-degree photo using some Deep Learning technique (Fig. 1 (b)). The user views the enhanced photo via HMD (Fig. 1 (c)). Our demo is the first AR system that introduces deep learning based image enhancement.
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## 7. Representative picture(s)

Put representative picture(s) of your demo. Those pictures can be either real pictures or sketches of your demo.

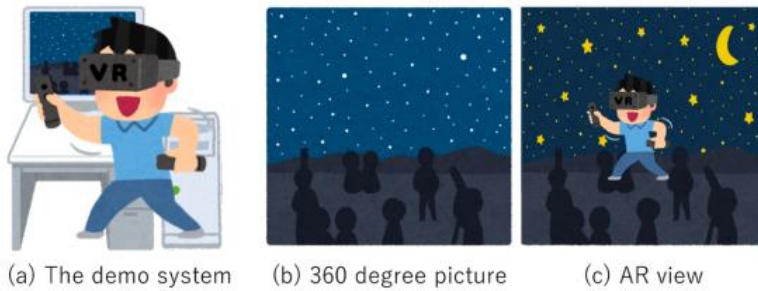


Figure 1. Overview of our demo. (a) A user wearing an HMD in the demo environment, (b) A 360-degree picture, (c) AR view.

## 8. URL(s) of your demo video

Write a list of URL(s) if your demo video is available online.

None