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CODING OF MOVING PICTURES AND AUDIO**

**ISO/IEC JTC1/SC29/WG11 MPEG2019/M50646  
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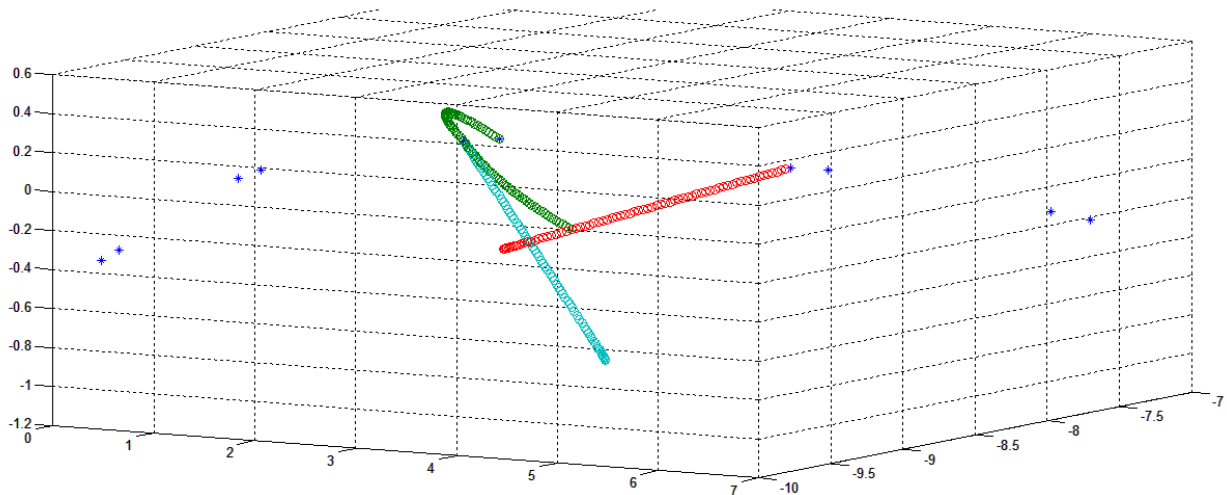
**Source** Poznań University of Technology (PUT), Poznań, Poland  
**Status** Input  
**Title** [MPEG-I Visual] PUT proposal of PoznanFencing posetraces  
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## 1 Introduction

In this document we propose new posetraces for PoznanFencing test sequence. 3 posetraces were already proposed [M50602], however, we planned to better simulate the viewer behavior by allowing fast changes of viewing direction and stepping in and out of the scene.

## 2 Proposed posetraces

Proposed posetraces are presented in figure below. The real cameras are colored in blue.



The .csv files with posetraces and slightly compressed .mp4 videos of posetraces are attached in the .zip file. The videos were synthesized using uncompressed atlases generated by TMIV 2.0 with “depthParameter” set to 200.

Proposed posetraces were estimated for viewport with no translation and rotation, so we attached modified .json file with added “viewport0”.

## 3 Acknowledgement

This work was supported by the Ministry of Science and Higher Education.

## 4 Recommendations

We recommend to include at least one of proposed posetraces into the CTC.

## 5 References

- [W18563] J. Jung, B. Kroon, J. Boyce, “Common Test Conditions for Immersive Video”, ISO/IEC JTC1/SC29/WG11 MPEG/N18563, July 2019, Göteborg, Sweden.
- [M50602] R. Doré, “PoseTrace for Poznan Fencing”, ISO/IEC JTC1/SC29/WG11 MPEG/ M50602, Oct. 2019, Geneva, Switzerland.