



## D8.2 Interim Experimental Production Evaluation Report



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<b>Abstract</b>	This deliverable provides a detailed and comprehensive overview of all planned, running and past experimental productions. All aspects developed within SAUCE are mapped to at least on experimental production. In addition, the 'Unfolding' and 'Elements' light field experimental productions, already carried out, are evaluated.
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## 1 EXECUTIVE SUMMARY

This deliverable provides a detailed and comprehensive overview of all planned, running and past experimental productions. All aspects developed within SAUCE are mapped to at least one experimental production. Multiple partners committed to run such experimental productions. FA was able to identify student projects that can make use of technology developed in SAUCE and thereby provide a well suited experimental production scenario. Additionally SAUCE centric experimental productions such as the "Unfolding" light field production are managed and realized by FA. Dneg and FO will realize experimental productions in the field of the search and transformation framework and asset reuse. Additionally TCD and Dneg carry out two experimental productions targeting the crowds efforts in SAUCE. Thereby all aspects of SAUCE can be evaluated with an experimental production.

In addition to the clear plan of experimental productions, this document also reports on already completed and currently running experimental productions. The 'Unfolding' experimental production was carried out in the beginning of 2019 with the intention to evaluate the light field rig built by USAAR under production conditions as well as the potential of light fields in media productions in general. Algorithms for preprocessing and postproduction based on light field capturings have also been and are still addressed by the "Unfolding" production. These efforts where also presented to a broad audience at Siggraph Asia.

Even before the "Unfolding" production initial light field test have been carried out in a light field elements shoot at FA. Part of the light field material has been publicly released. Additionally a motion capturing library has been released by FA containing walk cycles in different emotions which is a unique new dataset. It has already been used by IKinema within SAUCE and is also recognized by external prospects.

All other experimental productions are carried out in the 3rd year of the project as soon as the development of the involved tools is reaching an appropriate state.