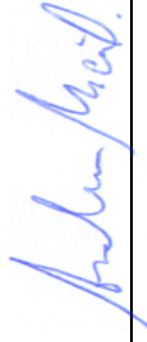


C E R T I F I C A T E

We certify that Artur Tavares de Carvalho Cruz participated as presenter of the paper "A review regarding the 3D facial animation pipeline" in the Technical Sessions of SVR 2021, the 23rd Symposium on Virtual and Augmented Reality, held as a virtual conference from October 18 to 21, 2021.

Gramado - Brazil, October 20th, 2021



Anderson Maciel
General co-chair



Luciana Nedel
General co-chair