

Foz do Iguaçu - Brazil

# SIBGRAPI'18

31st Conference on Graphics, Patterns and Images

October 29 – November 01

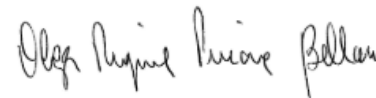
## CERTIFICATE

We certify that Márcio Macedo presented the paper "Efficient Shadow Anti-Aliasing Techniques using Silhouette Revectorization" authored by Márcio Macedo and Antônio Apolinário Jr. at SIBGRAPI 2018 - 31st Conference on Graphics, Patterns and Images, held in Foz do Iguaçu, Brazil, from October 29th to November 1st, 2018.

Foz do Iguaçu – October 29th, 2018



Prof. Dr. Luciano Silva  
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