

Foz do Iguaçu - Brazil

# SIBGRAPI'18

31st Conference on Graphics, Patterns and Images

October 29 – November 01

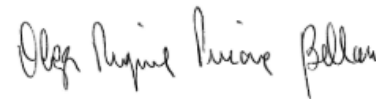
## CERTIFICATE

We certify that Vinicius Gama Tavares presented the paper "Efficient structural topology optimization system using the ground structure method" authored by Vinicius Gama Tavares and Waldemar Celes 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



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