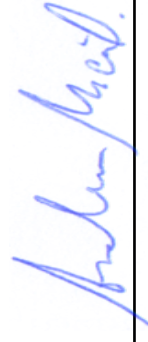


C E R T I F I C A T E

We certify that Salvador Agatti participated as presenter of the paper
"Development and Evaluation of a PCB's Manual assembly system using Augmented
Reality and Total Quality" in the Technical Sessions of SVR 2021, the 23rd
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Gramado - Brazil, October 20th, 2021



Anderson Maciel
General co-chair



Luciana Nedel
General co-chair