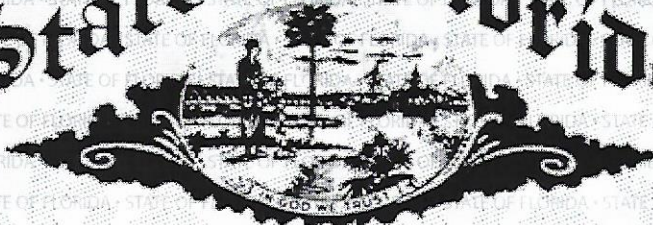


State of Florida



Department of State

APOSTILLE

(Convention de La Haye du 5 octobre 1961)

1. Country: United States of America

This public document

2. has been signed by Julia Marshall

3. acting in the capacity of Notary Public of Florida

4. bears the seal/stamp of Notary Public, State of Florida

Certified

5. at Tallahassee, Florida

6. the Second day of August, A.D., 2018

7. by Secretary of State, State of Florida

8. No. 2018-91374

9. Seal/Stamp:



10. Signature:

Ken DeFoner

Secretary of State

The word "VOID" appears when photocopied.

"State of Florida" appears in small letters across the face of this 8 1/2 x 11" document.

Florida State University

FAAH-FSW College of Engineering

has conferred upon

Lauber De Souza Martins

the degree of


Doctor of Philosophy

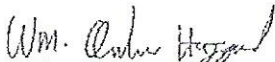
in Mechanical Engineering

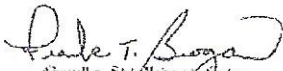
with all the rights, honors and privileges therewith appertaining.

Witness the Seal of the University and the signatures
of its duly authorized officers thereunto affixed.

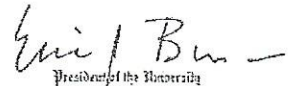
Given at Tallahassee, Florida, this twenty-eighth day of April,
in the year two thousand and twelve.

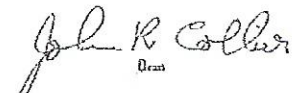

Governor of the State of Florida


Chairman, the Florida State University
Board of Trustees


Chancellor, State University System




President of the University


Dean

Statement of Authenticity:

On this 31st day of July, 2018, I attest that the attached document is a true, exact and original document.

[Signature]
Signature of school official

Justin P. Beck
Name of school official

**STATE OF FLORIDA
COUNTY OF LEON**

Sworn to (or affirmed) and subscribed before me this 31st day of July, 2018, by Justin P. Beck.

[Signature]
Notary Signature and Seal

Julia Marshall
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG034376
Expires 9/28/2020

Personally known OR Produced Identification
Type of Identification Produced: