

## International Workshop on Nonlinear Dynamical Systems and Functional Analysis

August 13-16, 2018 Universidade de Brasília ICM 2018 Satellite Conference

## CERTIFICATE

This is to certify that **Geraldo Nunes Silva** participated at the *International Workshop on Nonlinear Dynamical Systems and Functional Analysis* held at University of Brasília, Brasília- DF, Brazil, from August 13 - 16, 2018, presenting the talk entitled *"Optimal Control on Time Scales: Necessary Optimality Conditions"* at the special session Difference Equations/Dynamic Equations on Time Scales.

Brasília-DF, August 16, 2018

Jaqueline Godoy Mesquita Chair of the organizing committee