**Institute and Faculty
of Actuaries**

This is to certify that

Mario V. Wüthrich

has been awarded the

Geoffrey Heywood Prize 2020

by the

Institute and Faculty of Actuaries

for his paper

A neural network extension of the Lee-Carter model to multiple populations

written jointly with

Ronald Richman

_____
President, Institute and Faculty of Actuaries

13 January 2021
_____
Date