

HERIOT-WATT UNIVERSITY

We, the undersigned Principal and Vice-Chancellor of the University, the Head of the School of Engineering and Physical Sciences, and the Secretary of the University, certify that

Nicolás Cabezudo

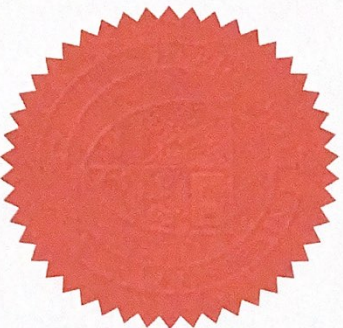
has undertaken research and satisfied the examiners

and, by resolution of the Senate, been awarded the degree of

Doctor of Philosophy

and is entitled to all the academic privileges attendant thereto.

In witness whereof this certificate is sealed with the Common Seal of the University on the Thirty-First day of October 2021.



ALMMW

Principal and Vice-Chancellor

Duncan Head

Acting Head of the School of Engineering and Physical Sciences

PM

Secretary of the University