

The University of Leeds

DEGREE OF DOCTOR OF PHILOSOPHY

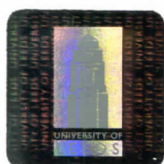
It is hereby certified that

Nikola Prodanovic

was admitted to the degree of Doctor of Philosophy

in this University

on the thirtieth day of April 2014



VICE-CHANCELLOR

UNIVERSITY SECRETARY