

TO WHOM IT MAY CONCERN

01 July 2023

Ref: 27495663

Mr Norman Khan

This is to certify that the University of Southampton awarded the Doctor of Philosophy in Physics on 29 June 2023 to Norman Khan (Date of Birth 17 March 1996) having successfully completed full time research at the Faculty of Engineering and Physical Sciences on 29 June 2023.

Norman Khan's research, from 27 September 2018 (date of commencement of research) to 29 June 2023 (date of completion), took place and was completed in Southampton, UK campuses of the University of Southampton and at no other campus.

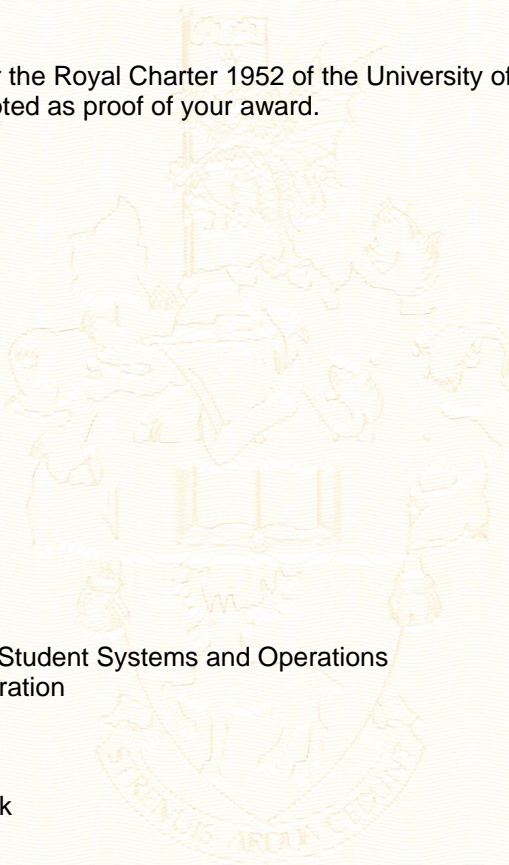
Result: Pass

This degree was awarded under the Royal Charter 1952 of the University of Southampton. In most cases this certifying letter will be accepted as proof of your award.

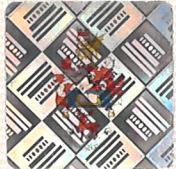
Yours sincerely

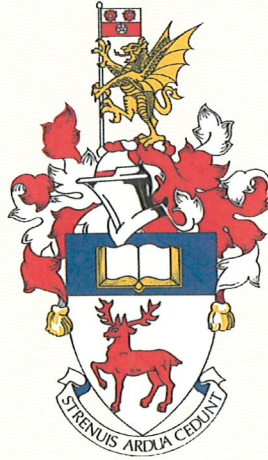


Zoë Heathcote
Associate Director and Head of Student Systems and Operations
Student and Academic Administration
University of Southampton
Highfield
Southampton SO17 1BJ
Email: certs@southampton.ac.uk



UNIVERSITY OF SOUTHAMPTON





University of Southampton

This is to certify that on
29 June 2023

NORMAN KHAN

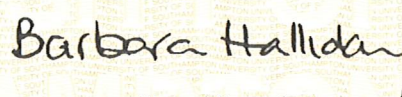
was awarded the degree of
DOCTOR OF PHILOSOPHY

Pass
in Physics



Mall E. Smith

President and Vice-Chancellor



Barbara Halliday

General Counsel
and
University Secretary



27495663

University of Southampton Diploma Supplement



Section 1 Information identifying the Holder of the Qualification

Student Name Norman Khan
Date of Birth 17 March 1996
Student ID 27495663
HESA ID 1411604956634

Section 2 Information identifying the Qualification

Qualification Achieved

Doctor of Philosophy in Physics

Classification

Pass

Date Awarded 29 June 2023
Date of Admission 27 September 2018
Date of Leaving 29 June 2023

Awarding Institution University of Southampton
Teaching Campus Southampton campuses
Language of Instruction English

Section 3 Information on the Level of Qualification

Programme Level
Postgraduate Research

Length of Programme
48 Months

Mode of Study
Full Time

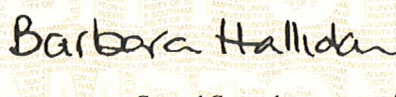
Section 4 Programme Outcomes and Results Gained

Thesis Title: Testing Precession of Super-Eddington Flows in Ultraluminous X-ray sources
Results List Ends



Mall E. Smith

President and Vice-Chancellor



Barbara Halliday

General Counsel
and
University Secretary



University of Southampton Diploma Supplement



Student Name Norman Khan
Student ID 27495663

HESA ID 1411604956634

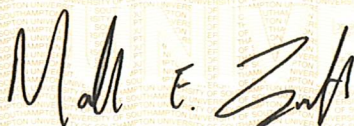
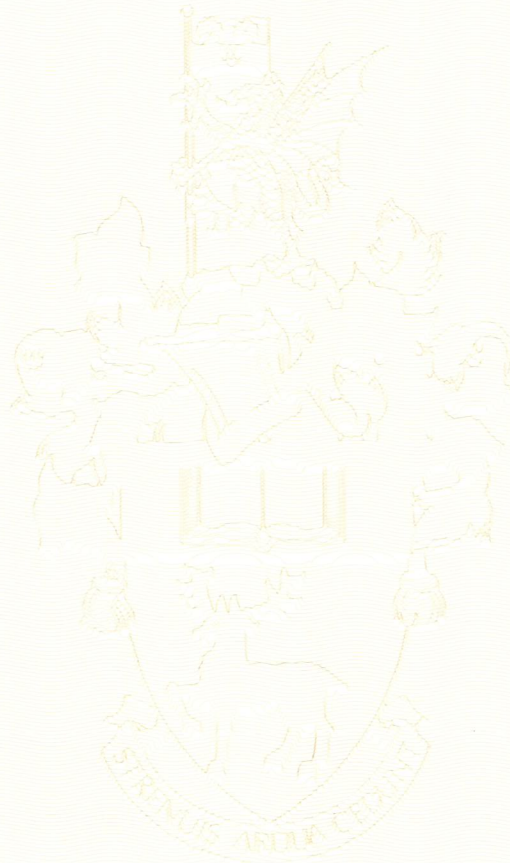
Section 5 Information on the function of the Qualification

No Professional Registration statement recorded.

Statement

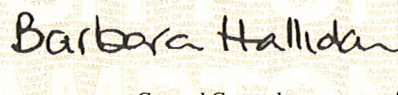
The COVID-19 pandemic started to have impact on the University at the end of Semester 1 of academic year 2019/20. Significant changes had to be made to our delivery of teaching, and corresponding changes were made to the planned assessment for some modules in Semester 2 of academic year 2019/20 to ensure that it effectively tested students' achievement of the expected learning outcomes of programmes of study. These modules are shown with a P/F (Pass/Fail) mark, a code of IC (Impacted by COVID) and the credits obtained on these modules. Component assessment marks for modules with a P/F mark are listed separately in this document.

Date Printed | 01 July 2023



Mall E. Smith

President and Vice-Chancellor



Barbara Halliday

General Counsel
and
University Secretary



Understanding this document

The Diploma Supplement was developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient data to improve the international transparency and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original qualification to which this supplement is appended. It is free from any value judgments, equivalence statements or suggestions about recognition.

The information given overleaf is provided by the University#, under the terms of the Data Protection Act 2018, from its student administration system as the academic and identifying personal information recorded for the student named. It is issued with an explanatory document. 'The University of Southampton Explanatory Notes on the Diploma Supplement'##, and, when read together, it constitutes a full Diploma Supplement.

The Diploma Supplement is divided into the following eight sections; section one, information identifying the holder of the qualification; section two, information identifying the qualification; section three, information on the level of the qualification; section four, information on the content of the qualification and the results gained; section five, information on the function of the qualification; section six, additional information; section seven, certification of the Diploma Supplement and section eight, a summary and description of the UK Higher Education and Training System. Sections on this document are numbered appropriately to correspond with this convention. Sections six and eight, and aspects of sections three, four and five, are continued in the explanatory document.

The University issues its full Diploma Supplement solely to students who completed the requirements for the award of one of its degrees or other qualifications in or after the academic year's 2008-09###. The transcript information alone is provided to students who completed studies before 2008 or who have undertaken studies which did not lead to the award of a degree or other qualification by the University.

The transcript is an authoritative and official record of a learner's programme of study to date, the grades they have achieved and the credit they have gained. Neither the Diploma Supplement nor the transcript is proof of an Award from the University.

The University's programmes of study leading to the award of a named degree or other qualification comprise the study of modules. A module is a self-contained unit of teaching, learning and assessment. Each module has a credit weighting based upon the proportion of time that students are expected to devote to the module. The University uses a credit point system compatible with the QAA Higher Education Credit Framework for England: Guidance on Academic Credit Arrangements in Higher Education in England, October 2014. The European Credit Transfer Scheme (ECTS) has been developed by the European Commission. This is a system based on ECTS credits (student workload), designed to facilitate mobility, credit accumulation and transfer and the international recognition of periods of study completed abroad. Occasionally students may accumulate credits at other institutions. This University will represent the marks achieved for those credits on this document. The modules taken outside of the University can be clearly identified by the last 3 digits of the module (e.g. BIOL1999). The language competency levels used by the University are informed by the Council of Europe's Common Framework of Reference. Modules are assigned levels, represented on this document with the following values and meaning:

0/NQF3 Level 3 (Foundation level)	6/NQF7 Level 7 (Master)
1/NQF4 Level 4 (Certificate of Higher Education level)	7/NQF7 Level 7 (Master of Philosophy)
2/NQF5 Level 5 (Diploma of Higher Education level)	8/NQF8 Level 8 (Doctorate)
3/NQF6 Level 6 (Bachelor including Advanced Diploma in Nursing)	L1-L7 Language competency levels 1-7

The modules and credits studied in each programme year are set out in the individual programme specification as published.

All the module outcomes obtained by a student are represented on this document. The module outcome is represented by a mark. Numerical marks are shown in the University's 0-100 scale. Non numerical marks are shown on a scale of A, B, C, D, E, F. The letter P denotes a Pass and the letter F denotes a Fail, where the module is being marked on a pass / fail basis. Where P is used as postscript to a numerical mark it denotes that the module has been passed, even though the mark appears to be below the module pass mark. Where F is used as postscript to a numerical mark it denotes that the module has been failed, even though the mark appears to be above the module pass mark. The notation 'AU' indicates that the module was audited; this means that the student attended the teaching, but assessment was not taken for any credit. The notation 'AUAB' indicates authorised absence from the assessment of the module. Each mark printed on this document is accompanied by relevant mark code. The code denotes as follows:

OE - Original Entry;	recording the student's original achievement in the first attempt at the module assessment. This may also be shown as CA, CE, CC, CH, IC, RC, RR, SA, SG
RE - Referral;	recording the student's achievement in the referral sitting of a module when the original achievement was not a pass
CR - Capped Mark;	recording the level at which the student's mark was capped following a referral, according to the regulations used for progression and in the classification of Award
OM - Original Mark;	recording the student's achievement when taking referral as if for the first time according to the regulations used in progression and in the classification of Award

If you have any queries about the information contained within this Diploma Supplement, please contact the Exams, Awards and Graduation Office, by post at: Student and Academic Administration, University of Southampton, Highfield, Southampton, SO17 1BJ, or by e-mail at: certificates@soton.ac.uk or telephone on: 0044 (0)23 80592823.

or one of its accredited colleges or affiliated institutions

available from the University website www.southampton.ac.uk/studentadmin/awards

some exceptions apply, see our website

