

Doctor of Law (honoris causa)

GEORGE JOHN MITCHELL HON. G.B.E.

lawyer, formerly a United States Senator, sometime Chairman, International Body on Arms Decommissioning in Northern Ireland and Chairman of the Northern Ireland Peace Talks, United States Special Envoy for Middle East Peace

Doctor of Law (honoris causa)

RATAN NAVAL TATA HON. K.B.E.

Chairman of the Tata Group of Companies

Doctor of Science (honoris causa)

Dame LOUISE NAPIER JOHNSON D.B.E., F.R.S.

David Phillips Professor of Molecular Biophysics Emerita in the University of Oxford

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Sir ANDREW JOHN WILES K.B.E., M.A., PH.D., F.R.S.

Honorary Fellow of Clare College, James S McDonnell Distinguished University Professor of Mathematics, Princeton University

Doctor of Letters (honoris causa)

GEOFFREY WILLIAM HILL M.A., F.R.S.L.

Honorary Fellow of Emmanuel College, poet and critic, University Professor and Professor of Literature and Religion Emeritus, Boston University, Massachusetts

Doctor of Letters (honoris causa)

RICHARD SENNETT F.R.S.L., HON. F.R.I.B.A.

Visiting Fellow-Commoner of Trinity College, University Professor of the Humanities, New York University, Professor of Sociology and Academic Governor, the London School of Economics and Political Science

Doctor of Music (honoris causa)

Sir HARRISON BIRTWISTLE C.H., F.R.A.M.

composer, Henry Purcell Professor of Composition Emeritus, King's College, University of London

Doctor of Music (honoris causa)

Dame EVELYN ELIZABETH ANN GLENNIE D.B.E., F.R.A.M., F.R.C.M.

percussionist

The Orator delivered the following speeches when presenting to The Chancellor the recipients of Honorary Degrees:

PACEM Romanam uaticinans haec dixit Mercurius:

aspera tum positis mitescunt saecula bellis:
cana fides et Vesta, Remo cum fratre Quirinus
iura dabunt; dirae ferro et compagibus artis
claudentur Belli portae; Furor impius intus
saeua sedens super arma et centum uinctus aënis
post tergum nodis fremet horridus ore cruento.

neque hic uir, cum primum in fines Hiberniae peruenisset, simplicitate quadam animi suadente (confitetur enim) res dissimiliter breui tempore euenturas esse sperabat. quam impedita tamen fuerit uia pacis conciliandae ornatius atque disertius quam ego possum ipse enarrauit. quidni? qui et legum scientiam consecutus artem dicendi didicerit, et in senatum electus apud patres patriae eloquentiae laude floruerit. qua quidem eloquentia magnum sibi opus fore mox sensit: nam populis tam diu ferociter inter se pugnantibus tanta erat suspicio ut uix facilius amico esset cum amico quam cum inimico non consentire dico sed considerare. sed nullam esse hominum contentionem sibi persuadet, nullum bellum quamlibet diu pugnatum in quo utrique inter se tantum oderint, tantum laccessierint ut id quod ab hominibus excitetur producatumque ab eisdem nequeat componi. et qua est innocentia atque integritate uitae, tandem effecit ut eos qui se suspectos haberent praesidi saltem confidere uellent. itaque tametsi Furor impius nondum aënis nodis omnino uinctus est, fundamenta pacis diutinae sunt iacta.

nuper orientis in partis missus est ut et illic, si P. Maronis *Georgicon* uerba flectere licet,

enses in curuum duri conflentur aratrum.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, Excellentissimi Ordinis Imperi Britannici Magnae Crucis Equitem honoris causa adscitum, iuris consultum, olim a populo Cenomanensi Senatorem electum, quondam consili ad arma ponenda et postea ad pacem petendam septentrionali in Hibernia constituti praefectum, a Foederatarum Americae Ciuitatum Praeside in orientis partibus pacis conciliandae causa legatum,

GEORGIVM IOHANNEM MITCHELL,

ut honoris causa habeat titulum gradus Doctoris in Iure.

MERCURY prophesied the future pax Romana with these words:

*Then shall the age of violence be mellowing into peace:
Venerable Faith, and the Home, with Romulus and Remus
Shall make the laws; the grim, steel-welded gates of War
Be locked; and within, on a heap of armaments, a hundred
Bronzen knots tying his hands behind him, shall sit
Growling and bloody-mouthed the godless spirit of Discord.¹*

When Senator Mitchell arrived in Northern Ireland ‘wrapped in a cocoon of naïveté’ (as he said himself) he had hopes that the Troubles could be put to a similar end in short order. How difficult was in fact the road to peace he himself has eloquently told in his memoir of the negotiations. He learned his oratory in the practice of the Law, and honed it in the Senate. And he soon found that he had need of all his experience, for the conflict had gone on for so long and was so bitter that it was scarcely easier for supposed ally to sit down and talk with ally than it was for enemy with enemy. But his belief is that ‘there’s no such thing as a conflict that can’t be ended. They’re created and sustained by human beings. They can be ended by human beings. No matter how ancient the conflict, no matter how hateful, no matter how hurtful, peace can prevail.’ And such is his personal integrity that at last he was able to persuade those who could not trust each other to put their trust in him. The godless spirit of Discord may not yet be completely bound by bronzen knots, but the foundations of a lasting peace have been laid.

Now Senator Mitchell has been sent to the Middle East to encourage its people too

to beat their savage swords into curved ploughshares.²

Distinguished Chancellor, members of the University, I present to you

GEORGE JOHN MITCHELL, HON. G.B.E.,
*lawyer, formerly United States Senator for Maine, sometime Chairman, International Body on
Arms Decommissioning in Northern Ireland and Chairman of the Northern Ireland Peace Talks,
United States Special Envoy for Middle East Peace,*

that he may receive the title of the degree of Doctor of Law, honoris causa.

¹ Virgil, *Aeneid* I 291–296, trans. C. Day Lewis

² Cf. Virgil, *Georgics* I 508



FINGE datos currus: quid ages?

ita Phoebus filio Phaethonti. quippe quondam si quis automatariam raedam possidere uolebat, nonnisi magno sumptu emere poterat; hic uir tamen cum eam cui nomen Nano datum est uilissimo pretio fabricari iussisset, sicut Argus ille naupegus olim mare aperuit nautis, ita ciuibus suis innumerabilibus ac longo ruris spatio separatis nouas ad iter faciendum patefecit uias.

adest enim negotiator spectatissimus e negotiatoribus fortunatis atque praestantissimis oriundus, qui numquam dubitat quin aut nouas rationes agendi ingrediatur aut lucrum exteris in terris uel ab inusitata merce acceptum petat. idem altissima, ut dicam, quoquouersus indagat: o laetior Icaro, qui pennis tuis leuatus amas uolare!

sed frustra hospes noster apud diuitissimos uel in censu locupletum quaeritur, qui a proauo auctoritatem et exemplum uirtutis repetit. ille uir summa humanitate praeditus,

summa bonitate ornatus, hoc praecepto suos ad beneficentiam excitavit, ad populum esse reddenda quae bona a populo meruissent. quod si hominum milibus subuentum esse qui terrae motu, diluvio aquarum, pestilentia vastanti afflicti sint non memoro; si studia nonnullorum et domi et foris re atque fortuna sustentata esse mitto; si illam etiam metallurgiae professoris sedem apud nos conditam idcirco praetereo ne rubeat uir modestus qui λανθάνει βιώσας, tamen una uoce cum uate precamur,

diuitias si quis disseminat, usque beatus
fac mihi florescat, Iuppiter, et ualeat.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, Excellentissimi Ordinis Imperi Britannici Equitem Commendatorem honoris causa adscitum, Consortionis Tatanae Praesidem,

RATAN NAVAL TATA,

ut honoris causa habeat titulum gradus Doctoris in Iure.

‘**S**UPPOSE you had a car. What would you do with it?’¹ the sun god (almost) asked his son Phaethon. Indeed, buying a car was once an expensive affair, which the majority in India could scarcely imagine. But then our honorand came along and produced the Tata Nano, the cheapest car ever built. ‘I hope this changes the way people travel in rural India,’ he says. ‘We are a country of a billion, and most are denied connectivity.’

For there stands before us a respected entrepreneur from a line of outstanding and successful businessmen. He is a reformer, never slow to adopt new ways of doing business, nor to enter new markets and take his business into foreign countries. He is, you might say, a true high-flier. (And he likes to pilot his own aeroplane.)

But you will not find him in the rich-lists or among the super-wealthy. His model and exemplar is his great-grandfather Jamsetji Tata, who inspired his descendants to philanthropy with the philosophy that they should give back to the people what they have earned from them. Our honorand is a modest and private man, and I fear that it would cause him embarrassment if I were to mention the thousands who have received relief from natural disasters, the many young scholars whose studies have been supported in India and abroad, or the Tata Professorship of Metallurgy established here at Cambridge. Let us then remember the words of the Avesta:

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Distinguished Chancellor, members of the University, I present to you

RATAN NAVAL TATA, HON. K.B.E.,
Chairman of the Tata Group of Companies,

that he may receive the title of the degree of Doctor of Law, honoris causa.

¹ Ovid, *Metamorphoses* II 74
² ‘Prosperity be unto him through whom prosperity reaches others. Ahura Mazda, who rules as he will, grant him health and vigour.’ (*Ushtavaiti Gatha* XLIII 1)



FORMAM suam semper sequi quod faceret quaeque res dixit architectus: qui licet de aedifici architectura non errauerit, cum mentem in eas mirabiles particulas uel moleculas uertimus quae proteinum ἐνζύμων nescioquid aliud nominatae nostrorum corporum cellulas efficiunt et earum motibus rationibus μεταβολαῖς moderantur, haud dubium est quin id quod faciant e forma gignatur. haec enim si oculis perspicere possemus, moleculam aliam membrum ad aliam conformatum quasi manum ad manicam tendere uideremus; quippe, sunt quaedam—κινήσεως ἄρχαί haec Graece dicuntur—quae alias membris nouis adiunctis in forma mutanda iam inertes reddunt, iam excitant ut moueantur, iam de proprio cursu deducunt.

quae omnia ea quam nunc honoramus uidere potest. molecula enim electa duplicatur perpurgatur crystalli similis redditur. deinde dum in axe uoluitur radiis icitur quorum corpuscula lucis qua sunt ui transire possunt, et radiis diffractis huc et illuc ita diffliunt ut effigies continuas producant. quibus in unum simulacrum compositis forma et figura moleculae ipsius tandem ante oculos ostenditur.

abhinc xlii annos haec apud eos erat qui figura descripta cognouerunt quo pacto λύσιον ut dicitur ἐνζύμων semina quaedam morbi aggredi atque interimere posset. nunc ea quae cellulas modo retardant modo ut se propagent hortantur perscrutata est: ipsius arcana uitae, quae forsitan in cancri morbo medendo sint usui, patefacta esse dixeris. in te quoque, Liber pater, animum intendit dum rationem excogitat ne homines tibi nimium indulgeant.

eadem scientiam in orientis partibus strenue fouet: nec mirum, cui coniunx dixit eam rationem atque id ingenium quod rerum causas percontari uellet hominum omnium esse hereditatem.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis Excellentissimi Ordinis Imperi Britannici Dominam Commendatricem, Regiae Societatis Sodalem, Rei Molecularum et Biophysices Professorem Emeritam in nomine Dauidi Phillips apud Oxonienses,

LVDOVICAM NAPIER JOHNSON,

ut honoris causa habeat titulum gradus Doctoris in Scientiis.

'FORM', the architect Louis Henri Sullivan confidently asserted, 'ever follows function.' Perhaps he was right about buildings, but if we consider those marvellous molecules—the proteins and the enzymes and everything else—which not only make up our bodies' cells but control all the processes inside them, there is no doubt that function depends upon form. If we could observe them, we would see that they have active sites and receptors, perfectly shaped to fit the corresponding parts of other molecules, like a hand in a glove. There are even some, called kinases, which add elements to other molecules and by changing their structure render them inert, or spur them to action, or change their function altogether.

All of this our honorand can see. Taking a molecule, she copies, purifies, and crystallises it. The crystal is mounted on a special platform and made to rotate while she bombards it with X-rays. As the rays pass through they are refracted and the photons are scattered to form a series of images, which, when combined, provide a three-dimensional model of the structure of the molecule.

Forty-four years ago she was a member of the first group to reveal the structure of an enzyme, named lysozyme for its ability to attack and break down the cell walls of bacteria. From the structural model she was able to explain the mechanism of this function. Now she has investigated the enzymes which control the reproductive cycle of cells: the very secrets of life itself, you might

say, have been laid bare, with potential benefits in the fight against cancer. There is even hope for a treatment for alcoholism.

She is also an ardent promoter of science in the East. And this is no wonder, for as her late husband Abdus Salam, whom we have also honoured, once said, 'Scientific thought is the common heritage of all mankind.'

Distinguished Chancellor, members of the University, I present to you

Dame LOUISE NAPIER JOHNSON, D.B.E., F.R.S.,
David Phillips Professor of Molecular Biophysics Emerita in the University of Oxford,

that she may receive the title of the degree of Doctor of Science, honoris causa.



MATHEMATICOS ferunt aenigmaton amantissimos esse: cuius rei hic uir clarissimo Mest documento, qui puer familia apud nos non ignota natus quaestionem antiquam et obscurissimam in bibliotheca haud procul ab hac curia lectam se soluturum somniabat.

nemo hodie saltem est quin sciat quid Petrus de Fermat in scholio ad Diophantum scripserit: cubum in duos cubos, aut quadratoquadratum in duos quadratoquadratos et generaliter nullam in infinitum ultra quadratum potestatem in duos eiusdem nominis fas esse diuidere. sed—id quod non mathematicos modo uerum etiam fabularum scriptores per annos prope quadringentos uexabat—demonstrationem nullam reliquit.

Andrea tamen noster Platonis alterius more—non Diotima sed duobus Iaponiensibus ducibus—sublimia spatia multangula perscrutatus geometricas formas symmetros immutabiles constantissimas recognouit quas quamquam res sensibus perceptas transcendunt cum genere quodam curuaminum ita coniungere poterat ut probato Petri postulato se uirum γεωμετρικώτατον praebuerit.

sin autem de hac demonstratione mirabili me plura dicere uultis, magistri, quamuis non sim adeo ἀγεωμέτρητος, nec Platone iudice in Ἀκαδημειαν introire timeam, hanc tamen si explicare coner, uereor ne quam Petri illa margo exigua non ceperit, meae orationis exiguitas capere haud posse uideatur. ut olim igitur hic uir, nunc ego me satis dixisse iudico: de ceteris, βούς ἐπὶ γλώσση.

dignissime domine, Domine Cancellarie, et tota Academia, praesento uobis Equitem Auratum, Excellentissimi Ordinis Imperi Britannici Equitem Commendatorem, Regiae Societatis Sodalem, Magistrum in Artibus, Doctorem in Philosophia, Collegi de Clare honoris causa Socium adscitum, Praeclarum Mathematices Professorem in nomine Iacobi McDonnell apud Princetonenses,

ANDREAM IOHANNEM WILES,

ut honoris causa habeat titulum gradus Doctoris in Scientiis.

MATHEMATICIANS, *they say, love puzzles. Our next honorand provides the proof. As a local lad of ten he read about Fermat's Last Theorem in the Milton Road Library, and dreamt that he would some day solve one of mathematics' oldest and most intractable problems.*

Today, I suppose, every schoolboy knows what Pierre de Fermat wrote in the margin of his copy of the Arithmetica of Diophantus. Succinctly:

$$x^n + y^n = z^n \text{ has no integer solutions where } n \geq 3$$

But Fermat seems to have withheld his proof, a fact which vexed mathematicians (and playwrights) for nearly four hundred years.

Professor Wiles, like a latter-day Plato, was able to see beyond our ordinary sphere into a transcendental realm inhabited by four-dimensional, highly symmetrical modular forms; and by proving the conjecture of Taniyama and Shimura that each of these was tied to an elliptic curve, he showed that Fermat was correct, and made his name as one of the leading number-theorists in the world.

Perhaps you would like more details of the proof? Alas, although your Orator is not completely innumerate, if I were to try to explain its intricacies I fear that it would no more fit into the meagre space of my oration than it did into Fermat's margin. So as our honorand himself once said, 'I think I'll stop there.'

Distinguished Chancellor, members of the University, I present to you

Sir ANDREW JOHN WILES, K.B.E., M.A., PH.D., F.R.S.,
Honorary Fellow of Clare College, James S. McDonnell Distinguished University Professor of
Mathematics, Princeton University,

that he may receive the title of the degree of Doctor of Science, honoris causa.



HVC ades, uates, gradibus superbis
fortiter uentos spatians per acris
signa dum diuina canis deorumque
omina mira.

muta tu qui scis numerare busta,
quot tegat rudus, quot harena, quotque
pallidi manes lateant sub undis
sanguine tinctis,

siue natali celebras sub axe
regium uerbis genium solutis
siue naturae celeres renarras
mobilis horas,

ut parumper nix glaciesque cedat,
luteae surgant acies crocorum,
et redintegret moritura bellum
sancta Dione,

siue qui priscam resonet sacratus
neniam fons et penetrabile templi,
uerba contemnis leuiores, duro
grata tyranno:

asperae cultor propera Camenae
 quo chorus noster tibi laetus offert
 laureas semper uirides, poeta
 praemia digna!

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis uatem et poetarum existimatorem, Magistrum in Artibus, Regiae Societatis Litterarum Sodalem, Collegi Emmanuelis Socium honoris causa adscitum, Litterarum et Religionis in Vniuersitate Bostoniana Professorem Emeritum,

GALFRIDVM GVLIELMVM HILL,

ut honoris causa habeat titulum gradus Doctoris in Litteris.

WE hail a poet who strode

Against the burly air ...
 Crying the miracles of God

and who remembered the Jews of Europe in Two formal odes,

Knowing the dead, and how some are disposed:
 Subdued under rubble, water, in sand graves.

*In verset form with Mercian Hymns he has celebrated 'the presiding genius of the West Midlands'.
 He has painted for us the changing seasons of the year, telling how*

The crocus armies from the dead
 rise up; the realm of love renews
 the battle it was born to lose,
 though for a time the snows have fled

and he has rejoiced

in old hymns of servitude,
 haunting the sacred well, the hidden shrine.

*He spurns what is easy, because 'tyrants always want a language and literature that is easily understood,' while 'legitimate difficulty ... is essentially democratic.' Let him approach, then, who cultivates a democratic Muse, that we may crown him with ornaments worthy of his poetry.
 Distinguished Chancellor, members of the University, I present to you*

GEOFFREY WILLIAM HILL, M.A., F.R.S.L.,

Honorary Fellow of Emmanuel College, poet and critic, University Professor and Professor of Literature and Religion Emeritus, Boston University, Professor of Poetry elect, University of Oxford,

that he may receive the title of the degree of Doctor of Letters, honoris causa.



Πόλις ἄνδρα διδάσκει: quod si recte dixit Simonides, nunc adest uir doctissimus. Qui puer in insulis Chicagoensibus egestate et uiolentia circumdatus est, gregibus hominum omnis generis stipatus, nullis recentis pacis bonis ac fortunis fructus, fortasse haud poterat facere quin studio urbis et uitae morum consuetudinis urbanae teneretur; sed tamen aliam Musam secutus esset nisi uulnere manu accepto spem fidibus maiusculis canendi deponere coactus esset. itaque ad Haruardianos se abdidit, scientiae sociali se dedit, primo libro Περί ἀταξίας edito gloriam sibi comparauit. quid plura? alios duodecim ferme libros necnon tres fabulas edidit.

olim se opinionis errore ita deductum esse dixit ut—id quod persaepe accideret—cum operis cuiusdam initium faceret ea ad uectigal, ad negotium ciuitatis, ad summam rem publicam attinere sibi finxisset quae re uera ad spem usus timores singulorum pertinere inuenturus esset. nec mirum. non enim est rerum modo scriptor, uerum etiam hominum misericors spectator, rationum perspicax indagator, fabellarum disertus narrator, qui cum annalium monumenta euoluit, ecce ante oculos nostros rex Ludouicus turba clamante ad carnificem plaustro uehitur! en mulieres Athenienses θεσμοφοριάζουσαι putidum porci corpus miscent grano! cum in nostram aetatem reuenimus iam Graecus pistor Bostonianus, iam Hispani ianitoris filius quid uelit, quid speret, quid timeat tamquam sua uoce nobis enarrat.

in libro recentissimo *De fabro* artificem peritum humili ab opifice secernendum curauit: adstat ipse magister artis suae peritissimus.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis egregium hunc uirum, Collegi Sanctae et Indiuiduae Trinitatis hospitis iure Socium adscitum, Regiae Societatis Litterarum Sodalem, Regii Architectorum Britannorum Collegi Sodalem honoris causa adscitum, Rerum Humanarum Professore in Vniuersitate Noui Eboraci, Scientiarum Socialium Professore in Schola Oeconomices et Scientiarum Ciuiliu Londiniensi et eiusdem Scholae Praefectum Academicum,

RICARDVM SENNETT,

ut honoris causa habeat titulum gradus Doctoris in Litteris.

*'THE city is the teacher of the man,' wrote Simonides.¹ There stands before us, then, a very learned man indeed. Growing up in the Cabrini-Green Projects in Chicago, notorious for their poverty and violence, 'a mixed community', as he says, 'which defined all-too tangibly what it meant to be left behind during the post-war boom,' perhaps it is no wonder that he became interested in the history, the life, the customs of the city; but his career would have followed a different path, had an injury to his wrist not brought an end to his hopes of being a professional 'cellist. So he went to Harvard and studied sociology. He made his name with his first book, *The Uses of Disorder*; a dozen others, and three novels, followed.*

*Of *The Hidden Injuries of Class* he says he 'began with completely the wrong intuition, as I so often do in my work. I think it's going to be about politics and outer-world stuff, about economics. But it is often people talking out their subjectivity.' For he is no mere reporter of facts: he is a sympathetic observer of heart and head, and he is a skilful teller of tales. When he writes history, before our very eyes Louis Capet is brought to the guillotine on a tumbrel as the crowd roars. Or the matrons of Athens mix grain with the putrefied carcasses of piglets as they celebrate the Thesmophoria. When we return to our own age a Greek baker working in Boston or the son of a Hispanic janitor tells us his hopes and fears.*

In his most recent book he has drawn the distinction between the mere artificer and the skilled craftsman. We have before us the very master of his craft.

Distinguished Chancellor, members of the University, I present to you

RICHARD SENNETT, F.R.S.L., HON. F.R.I.B.A.,
Visiting Fellow Commoner of Trinity College, University Professor of the Humanities, New York University, Professor of Sociology and Academic Governor, the London School of Economics and Political Science,

that he may receive the title of the degree of Doctor of Letters, honoris causa.

¹ Fragment 15 (West)



ARTIFEX quondam ingenio fabrae artis celeberrimus carcerem inextricabilem
 aedificauit in quo reginae taurique progenies absconderetur. Daedalus, ut ait poeta,

ponit opus turbatque notas et lumina flexa
 ducit in errorem uariarum ambage uiarum.

nunc adstat Daedalus alter musicus, qui labyrinthum fecit non ut in latebris ageret Minotaurus, sed ut in scaenam produceretur. nunc adstat alter Naso, qui cuiusque aetatis fabellas enarrat: en prodit nunc gibber ille parricida cui nomen non minus quam nasum dedit pullus gallinaceus; iam temporis flumine refluyente Orphea miramur iterum iterumque perire; iam cothurnis indutis regem magnum simiarum puellae alterius amore uix feliciore flagrare. operibus ingeniose factis ingeniose nomina imponit; et quis nostrum molis Cretensis non reminiscitur cum ille sua describit, aut cum audimus modos immutatos iterari duplicarique,

haud secus ac plateas necnon fora lata uiator
 ambiguus lustrat gradibus repetitque petitque
 cursus et cunctam peragrat pedis inscius urbem,
 et nunc ad tectum, nunc ad loca uisa reuersus
 illa recognoscit quae iam nouisse putabat.

quod omnibus artificiiis utatur quae recentioris aetatis ingenia produxerint, sunt qui uerum artis musicae iudicium sibi solis adrogantibus ea quae facit opera faciem haud minus immanem quam taurum Cnosium praebere iudicent. audire modo uellent! sed nec tamen qui Πανὸς θεοῦβῆρ acclamabant eum exsibilare poterant, neque umquam haec uox singularis scit conticescere: 'id quod possum facio,' inquit. 'nil est ultra.'

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis Equitem Auratum inter Comites Honoratissimos adscriptum, Musices Regiae Academiae Sodalem, Collegi Regalis apud Londinienses in nomine Henrici Purcell Modos Faciendi Professorem Emeritum,

HARRISON BIRTWISTLE,

ut honoris causa habeat titulum gradus Doctoris in Musica.

AFAMOUS craftsman once built an inescapable prison to contain the offspring of a queen and a bull. Daedalus, says Ovid,

*obscured all guiding marks and designed it
to cheat the eye with bewildering patterns of tortuous alleys.¹*

There stands before us a musical Daedalus, who built a labyrinth not to hide The Minotaur but to bring him forth on the stage. Or perhaps another Ovid, who retells the myths of many periods. Here we see the hunch-backed, beak-nosed murderer Punch step forward. Now as time flows back on itself we watch the death of Orpheus repeated again and again. Even the mighty Kong takes to the operatic stage and burns with tragic love for a second maiden. He gives his clever pieces cleverer names. And who can fail to think of the labyrinth when he describes his work, with its repeated and modified strains, as like 'wandering through a town with squares, some more important than others, a town with roads on which you go round and round, in through one square out through another. You then come back again and approach from another angle, and so on.'

There are those — of limited vision all — who are as frightened by modernism as they would be by the very Minotaur. If only they would listen to our honorand! The self-styled Hecklers could not drown out his Panic at the Last Night of the Proms: so singular a voice cannot be silenced. For 'I can only do one thing,' he says, 'and there is nothing else.'

Distinguished Chancellor, members of the University, I present to you

Sir HARRISON BIRTWISTLE, C.H., F.R.A.M.,
composer,

Henry Purcell Professor of Composition Emeritus, King's College, London,

that he may receive the title of the degree of Doctor of Music, honoris causa.

¹ Ovid, *Metamorphoses* VIII 160–1, trans. Raeburn



MI puero iussis parerem, dure magister,
mandabas, ferula uerberibusque minans.

agmen iam claudit mulier quae a pueritia eis qui obstabant uix oboediebat: tu artem musicam audes tractare quae audire nequeas? 'non auribus,' inquit, 'sed toto corpore audio.' deinde nulla sunt musica scripta quae xylophonio tympanisque canantur! 'at scribentur.' sed nullus denique symphonicus uictum umquam ita quaesiuit! 'ego igitur ero prima.' et prima fuit. quis iam audientium, quis uidentium eam non miratur instrumentis uel lx stipatam bacchantis more modo huc modo illuc nudo pede ruentem aliud a maioribus traditum iam ferociter iam lenius pulsare, peregrinum aliud rapido motu uibrare, aliud a se excogitatum molliter mulcere?

neque aetas pristinam illam mentis firmitatem extenuauit: in hospitio quondam Urbis Flumenalis cum in balneolo numeros indigenas tympano exerceret, ianua pulsata nescioquis iratus, 'heus tu mulier!' clamat, 'quin taces? dormio!' at illa celsiorem se faciens contumacia simulata, 'quid? ego taceam? tu nescis me tympanistiarum Brasilianarum esse praestantissimam?' quid plura? tacet ille, abit, desinit queri.

'si uel unius hominis animum incitauit,' inquit, 'placet. si alios hortari possum ut omnibus impedimentis superatis id quod spectent consequantur, maxime gaudeo. si ad talem

locum ueni ut quantas et quales felicitatis occasiones det uita ostendam, ut aliis spem bonae fortunae iniciam, beatissimam me habeo.' quot oblectasti tot incitasti, domina, et qui audimus ipsi nos beatos habemus.

dignissime domine, Domine Cancellarie, et tota academia, praesento uobis musicam mulierem pulsatricem, Excellentissimi Ordinis Imperi Britannici Dominam Commendatricem, Musices Regiae Academiae Sodalem, Musices Regii Collegi Sodalem,

EVELYN ELIZABETHAM ANNAM GLENNIE,

ut honoris causa habeat titulum gradus Doctoris in Musica.

TWIS 'Dae as yer bidden!'
 Fin I wis young.
 Wi' a lick on the lug.
 Or a dunt on the riggin.¹

Our final honorand is one who widna dae as she wis bidden by those who gainsaid her childhood ambition. How can you study music when you can't hear? 'I hear not with my ears but my whole body,' she replied. But there is no music written for solo percussion. 'There will be.' But there has never been a professional solo percussionist. 'Then I shall be the first!' And she was. It is impossible not to marvel as she rushes about barefoot on stage, surrounded by sixty instruments at a time, some traditional, some ethnic, others of her own devising, bashing, striking, shaking, and stroking them like a Maenad.

Nor has her determination diminished. Once while staying in a hotel in Rio de Janeiro she was practising samba rhythms on a tambourim in her bathroom. There came an angry knock at the door. 'Can you please shut up,' the neighbour yelled, 'I'm trying to get some sleep!' Drawing herself up to her full height, with feigned haughtiness she replied, 'Do you know who I am? I am Brazil's top tambourim player!' There were no further complaints.

'If I have been an inspiration,' she says, 'I am delighted; if I can encourage others to believe in their ability to overcome difficulties and to go for what they want, it is a great joy, and I feel privileged to be in a position where I am able to communicate with so many people, to let them share my optimism about life's possibilities.' She entertains and inspires in equal measure, so that we who enjoy her rhythms count ourselves privileged.

Distinguished Chancellor, members of the University, I present to you

Dame EVELYN ELIZABETH ANN GLENNIE, D.B.E., F.R.A.M., F.R.C.M.,
percussionist,

that she may receive the title of the degree of Doctor of Music, honoris causa.

¹ From John C. Milne's *Child Psychology*, one of Dame Evelyn's favourite poems written in her native Doric.