Post Specification

<table>
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<tr>
<th><strong>Post Titles:</strong></th>
<th>Head of the School of Computer Science and Statistics</th>
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<td><strong>Post Status:</strong></td>
<td>Permanent Contract (5 years as Head of School and other academic opportunities in tandem/or thereafter)</td>
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| **Discipline/Faculty:** | School of Computer Science & Statistics  
Trinity College Dublin, the University of Dublin |
| **Location:** | School of Computer Science & Statistics, O’Reilly Institute, Trinity College Dublin, the University of Dublin, College Green, Dublin 2, Ireland |
| **Reports to:** | Dean, Faculty of Engineering, Mathematics and Science |
| **Salary:** | This appointment will be made on the Professor 101B salary scale (€117,915 to €151,477) at a point in line with Government Pay Policy  
https://www.tcd.ie/hr/assets/pdf/monthly-academic.pdf  
The Departures Framework may factor in this appointment  
| **Hours of Work:** | Hours of work for academic staff are those as prescribed under Public Service Agreements. For further information please follow the link below:  
http://www.tcd.ie/hr/assets/pdf/academic-hours-public-service-agreement.pdf |
| **Closing Date:** | 12 Noon (normal Irish time) Friday 29th May 2020 |

*The successful candidate will be expected to take up the post in the academic year 2020/2021 or as soon as possible thereafter.*
Post Background

Trinity College, the University of Dublin, is seeking an outstanding leader of international standing to appoint to the position of Head of School of Computer Science and Statistics with an academic title up to and including that of a full professor. This position offers a unique opportunity for the successful candidate to positively influence the direction of the School at a time when it is centrally engaged in major strategic developments in the College and is critical to the national emerging technology agenda. The Head of School is formally accountable to the Board of the College and reports, in the first instance, to the Dean of the Faculty of Engineering, Mathematics and Science.

The headship will be a full-time position for five years at the outset with an opportunity to extend for a further three years. While the purpose of the role is to lead the School in its academic development, the successful candidate will revert at the end of the headship position to a full time permanent academic position, ideally in one of the School’s disciplines (Artificial Intelligence, Graphics and Vision, Networks and Distributed Systems, Software and Systems, Statistics and Information Systems).

Applicants must have experience of a successful and senior leadership role within academia and/or industry and hold a Ph.D. in computer science or statistics. The ideal candidate will have the vision, energy and drive to shape and direct the future of the School for the next five years.

Further Information

Informal enquiries about this post should be made to Prof Sylvia Draper, Dean, Faculty of Engineering, Mathematics and Science – dean.of.ems@tcd.ie
The Post Holder

The appointee will lead the strategic development of the School and be responsible for:

• Providing the scientific vision, direction and leadership of the School.
• Strengthening the relationships between the School, TCD, its research centres and partners.
• Managing and strengthening relations with industry and government stakeholders.
• Driving strategic developments within the context of the College’s academic and industry engagement policies and objectives.
• Working with the School’s Executive and committee structures and its professional staff to ensure the effective day-to-day operation of the School.
• Holding and exercising specific responsibilities in relation to the School’s financial planning and budget.
• Driving new funding opportunities to support its academic and research objectives.
• Delivering the School’s academic and research programmes, ensuring the quality of the student experience, the development and welfare of staff, and the health and rigour of its research reputation.
• Encouraging innovation and commercialisation, in parallel with world leading research.
• Representing the School internally and externally and advocating for it nationally and internationally.
• Reporting to the Faculty Dean for conduct and governance.

A full list of the roles and responsibilities of the Head of School within the College Governance Structures can be found at https://www.tcd.ie/Secretary/academic-governance/head-of-school.php

Person Specification

The successful candidate will be expected to be able to demonstrate:

• Excellent leadership skills.
• The vision, leadership, and managerial skills necessary to direct and drive the strategic development of the School of Computer Science and Statistics, within a university which is competing and collaborating both nationally and internationally.
• The ability to drive multi-disciplinary, problem-led teaching and research programmes within the learning foundry and research institute (E3).
• The skills to lead, motivate, develop and manage the performance of colleagues in a large research-intensive School.
• Excellent interpersonal skills, and an ability to present and communicate ideas and concepts clearly in an educational and societal context along with strong media experience and capability.
• Enthusiasm and ability to engage with wider University initiatives at a national and international level.
• A successful track record of senior management in a research-led environment.
• An outstanding track record relating to organisational and fiscal management that includes evidence of innovation and sustained impact.
• A history of thought leadership within the field of Computer Science and/or Statistics.
• Experience in the management of large research projects and teams.
• A proven ability to work with professionals from a range of backgrounds.
• A track record of raising funds from a variety of sources.
• Experience in teaching and learning in computer science and/or statistics at undergraduate, postgraduate and executive/practitioner levels. Candidates who have both academic and technical innovation/industrial experience will be particularly welcome.
School of Computer Science and Statistics

The School was established in July 2005 following the merger of the Department of Computer Science and the Department of Statistics. Statistics celebrated its 50th anniversary in 2017 and Computer Science in 2019.

Today, the School comprises five academic disciplines:
- Artificial Intelligence.
- Graphics and Vision.
- Networks and Distributed Systems.
- Software and Systems.
- Statistics and Information Systems.

The School has 65 academics, 40 support staff and over 100 research staff. It is internationally recognised for the quality of its research and teaching and is ranked in the top 100 Computer Science Schools worldwide (QS Subject Rankings 2018, 2019 and 2020) and is the highest ranked in Ireland.

The School offers a wide range of undergraduate and taught postgraduate degree programmes and has approximately 1,200 registered students. In addition, the School has over 120 PhD students.

Research expertise in areas such as digital content, telecommunications, computer vision and ubiquitous computing, combined with cutting edge statistical learning research has provided a rare environment in which members of SCSS exploit the emergence of data and its analysis as a driver in many fields of computer science and statistics.

The School hosts two Science Foundation Ireland (SFI) Research Centres, ADAPT and CONNECT and is a partner in a further two SFI Research Centres (Insight and Lero). Four Trinity multidisciplinary research themes, namely Creative Technologies, Digital Engagement, Digital Humanities, and Smart Sustainable Cities are led by members of the School. The School currently coordinates seven European Commission projects and is partner in a further eight. The School has signed research contracts in excess of €50 million over the last three years from a range of national and international agencies such as SFI, Enterprise Ireland and the European Commission’s Horizon 2020 Framework Programme.

The E3 Vision

Trinity College Dublin has embarked on an ambitious project to expand education and research activities across three of its Schools: Computer Science and Statistics, Engineering, and Natural Sciences. Recognising the importance for humanity of addressing the global problem of sustainable technological development, the expansion of the three Schools is being executed as a single strategic activity - the E3 initiative.

The E3 initiative is premised on the realization that:
- Human inquisitiveness is unquenchable and the need and desire for advanced technologies is a positive characteristic of the human spirit.
- The natural capital of the planet is finite and should be used to provide flows of goods and services sustainably and equitably.

With the E3 initiative, Trinity promotes the vision of a society where the interdependence between technological innovation and our natural capital is advanced by world-leading research, education and entrepreneurship. The E3 initiative will position Ireland at the forefront of research in Science, Technology, Engineering, and Mathematics (the STEM disciplines), that are crucial for future economic development. It will educate engineers and scientists for employment in existing and new technology sectors, equip them with the skills and attributes to direct the creation of new businesses, and place Ireland in a leading role globally for the quality of graduates in the STEM disciplines.

The E3 initiative is without precedent in Ireland, and among the first internationally to integrate engineering, technology and scientific expertise, at scale, to address some of the grand challenges facing our country and our world.
Applications will only be accepted via our e-recruitment system at http://jobs.tcd.ie

Applicants must provide the following information when applying for this position:

1. A comprehensive curriculum vitae, including a full list of publications.
2. Cover letter (1 X A4 pages maximum) addressing the criteria outlined below.
3. The names and contact details (i.e. addresses, e-mail, etc.) of three referees who will be in a position to provide reference.
5. A Teaching Statement (2 X A4 pages maximum).
6. A Vision Statement outlining how the applicant views this leadership role in the context of the School of Computer Science & Statistics (2 X A4 pages maximum).

PLEASE NOTE:

• Applicants must have a minimum of 10 years+ experience in a senior management role. Applicants should clearly address this experience, how they obtained their knowledge and how it is specific to the requirements of this post.
• An understanding of a research-led academic environment is essential. The applicant should give examples of their involvement in creating an environment that promotes research success.
• Applicants must illustrate, through past example, an ability to lead a multi-disciplinary team and to resolve problems.
• Applicants who do not address the application requirements above will not be considered at the short list stage.
• Applicants should note that the interview process for this appointment will include the delivery of a presentation.

Further Information for Applicants

• Link to the School of Computer Science and Statistics (SCSS): https://www.scss.tcd.ie/
• Link to SCSS Research: https://www.scss.tcd.ie/research/
• Links to E3 Institute and Grand Canal Innovation District: https://www.tcd.ie/campaign/e3-grand-canal-innovation-district/E3 initiative
• Link to Trinity College Dublin (TCD): https://www.tcd.ie
• Link to TCD Human Resources: https://www.tcd.ie/hr/
Trinity is Ireland’s leading university and is ranked 108th in the world (QS World University Rankings 2020). Founded in 1592, the University is steeped in history with a reputation for excellence in education, research and innovation.

Located on an iconic campus in the heart of Dublin’s city centre, Trinity has 18,000 undergraduate and postgraduate students across our three faculties – Arts, Humanities, and Social Sciences; Engineering, Mathematics and Science; and Health Sciences.

Trinity is ranked as the 17th most international university in the world (Times Higher Education Rankings 2020) and has students and staff from over 120 countries.

The pursuit of excellence through research and scholarship is at the heart of a Trinity education, and our researchers have an outstanding publication record and strong record of grant success. Trinity has developed 19 broad-based multidisciplinary research themes that cut across disciplines and facilitate world-leading research and collaboration within the University and with colleagues around the world. Trinity is also home to 5 leading flagship research institutes:

- Trinity Biomedical Sciences Institute (TBSI)
- Trinity College Institute of Neuroscience (TCIN)
- Trinity Translational Medical Institute (TTMI)
- Trinity Long Room Hub Arts and Humanities Research Institute (TLRH)
- Centre for Research on Adaptive Nanostructures and Nanodevices (CRANN)

Trinity is the top-ranked European university for producing entrepreneurs for the past five successive years and Europe’s only representative in the world’s top-50 universities (Pitchbook Universities Report).

Trinity is home to the famous Old Library and to the historic Book of Kells as well as other internationally significant holdings in manuscripts, maps and early printed material. The Trinity Library is a legal deposit library, granting the University the right to claim a copy of every book published in Ireland and the UK. At present, the Library’s holdings span approximately 6.5 million printed items, 400,000 e-books and 150,000 e-journals.

With over 120,000 alumni, Trinity’s tradition of independent intellectual inquiry has produced some of the world’s finest, most original minds including the writers Oscar Wilde and Samuel Beckett (Nobel laureates), the mathematician William Rowan Hamilton and the physicist Ernest Walton (Nobel laureate), the political thinker Edmund Burke, and the former President of Ireland Mary Robinson. This tradition finds expression today in a campus culture of scholarship, innovation, creativity, entrepreneurship and dedication to societal reform.

Rankings

Trinity is the top ranked university in Ireland and ranked 108th in the world (QS World University Rankings 2020). Trinity ranks in the top 50 in the world on 4 subjects and in the top 100 in 18 subjects (QS World University Rankings by Subject 2020).

Full details are available at: [www.tcd.ie/research/about/rankings](http://www.tcd.ie/research/about/rankings)
The Selection Process in Trinity

The Selection Committee (Interview Panel) may include members of the Academic and Administrative community together with External Assessor(s) who are expert in the area. Applications will be acknowledged by email. If you do not receive confirmation of receipt within one day of submitting your application online, please contact the named Recruitment Partner on the job specification immediately and prior to the closing date/time. Given the degree of co-ordination and planning to have a Selection Committee available on the specified date, the University regrets that it may not be in a position to offer alternate selection dates. Where candidates are unavailable, reserves may be drawn from a shortlist. Outcomes of interviews are notified in writing to candidates and are issued no later than 5 working days following the selection day. In some instances, the Selection Committee may avail of telephone or video conferencing.

The University’s selection methods may consist of any or all of the following: Interviews, Presentations, Psychometric Testing, References and Situational Exercises. It is the policy of the University to conduct pre-employment medical screening/full pre-employment medicals. Information supplied by candidates in their application (Cover Letter and CV) will be used to shortlist for interview.

Applications from non-EEA citizens are welcomed. However, eligibility is determined by the Department of Business, Enterprise and Innovation and further information on the Highly Skills Eligible Occupations List is set out in Schedule 3 of the Regulations and the Ineligible Categories of Employment are set out in Schedule 4 of the Regulations.

Non-EEA candidates should note that the onus is on them to secure a visa to travel to Ireland prior to interview. Non-EEA candidates should also be aware that even if successful at interview, an appointment to the post is contingent on the securing of an employment permit.
Equal Opportunities Policy

Trinity is an equal opportunities employer and is committed to employment policies, procedures and practices which do not discriminate on grounds such as gender, civil status, family status, age, disability, race, religious belief, sexual orientation or membership of the travelling community. On that basis we encourage and welcome talented people from all backgrounds to join our staff community.

Trinity’s Diversity Statement can be viewed in full at https://www.tcd.ie/diversity-inclusion/diversity-statement.

Pension Entitlements

This is a pensionable position and the provisions of the Public Service Superannuation (Miscellaneous Provisions) Act 2004 will apply in relation to retirement age for pension purposes. Details of the relevant Pension Scheme will be provided to the successful applicant.

Applicants should note that they will be required to complete a Pre-Employment Declaration to confirm whether or not they have previously availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment. Applicants will also be required to declare any entitlements to a Public Service pension benefit (in payment or preserved) from any other Irish Public Service employment.

Applicants formerly employed by the Irish Public Service that may previously have availed of an Irish Public Service Scheme of incentivised early retirement or enhanced redundancy payment should ensure that they are not precluded from re-engagement in the Irish Public Service under the terms of such Schemes. Such queries should be directed to an applicant’s former Irish Public Service Employer in the first instance.
Application Procedure
Applicants should submit all required documentation as per application information set out above.

APPLICATIONS WILL ONLY BE ACCEPTED BY E-RECRUITMENT

http://jobs.tcd.ie

If you have any application queries, please contact:
Senior Appointments, Human Resources,
House No. 4, Trinity College Dublin, the University of Dublin

Email: senior.appointments@tcd.ie