Lecturer / Senior Lecturer in Embedded Systems
University of Canterbury

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Job Title	Lecturer / Senior Lecturer in Embedded Systems
Department	Department of Electrical and Computer Engineering
	https://www.canterbury.ac.nz/study/academic-study/engineering/schools-and-departments-engineering-forestry-product-design/electrical-and-computer-engineering-department
Institution	University of Canterbury
	Christchurch, Canterbury, New Zealand
Date Posted	Oct. 1, 2024
Application Deadline	Nov. 3, 2024
Position Start Date	Available immediately
Job Categories	Senior Lecturer
	Lecturer/Instructor
Academic Field(s)	Computer Engineering
	Mechatronics
	Electrical and/or Electronics
Apply Online Here	https://jobs.canterbury.ac.nz/jobdetails?jobmc=22297AK
Apply By Email	

Job Description

Department of Electrical and Computer Engineering | Te Tari P?hanga Hangarau

Located in Christchurch | ?tautahi

New Zealand | Aotearoa

- Full-time 37.5 hours per week (1.0 FTE)
- Continuing (permanent) position
- Generous annual leave provisions and professional development opportunities

Kia hiwa r?, kia hiwa r?!

He hiahia, he p?kenga n?u ki te mahi a te P?kenga/P?kenga Matua? N?ia te p?whiri n? Te Whare W?nanga o Waitaha kia tono mai i te t?ranga nei.

?u Mahi | What You Will Do
We are looking for an outstanding candidate to join the vibrant Department of Electrical and Computer Engineering | Te Tari P?hanga Hangarau.

You will add to the Department's collaborative research culture by fostering a research programme, including undertaking research, supervising postgraduate students and disseminating research with a focus on positive impact. You will benefit from mentoring and supervision from continuing academic staff and your collaborative approach will contribute to, and build, research networks and projects both within the Department and across the university. Your research interests could include embedded systems and FPGA programming, with applications in biomedical, image processing signal processing, edge computing, or other relevant areas. You will design, develop and deliver undergraduate teaching in embedded systems, electronics, mechatronics and/or other related areas, with a focus on practical applications of embedded systems software and hardware.

M?u | Who You Are
You will be an early - mid career academic looking to establish and develop your research and teaching portfolio, setting yourself on track to enhance your academic career. You will also demonstrate an enthusiasm for student learning and a positive attitude for developing effective teaching methods, a commitment to diversity and inclusion and an open-minded viewpoint, and embrace the University's commitment to Aotearoa, New Zealand's bicultural heritage and Te Tiriti o Waitangi. You will hold a PhD in Engineering, Computer Science or a related field, although we will consider candidates who are awaiting to graduate from their doctoral studies in these fields.

Mahi Ng?tahi | Who You Will Work With
The Department of Electrical and Computer Engineering | Te Tari P?hanga Hangarau is a dynamic and future-focused Department that has a passion for excellence in teaching and research. We have a welcoming and open environment which encourages personal and collective growth. We foster and

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value collaboration within and outside of our department, supporting and enabling creativity and development. Our collaborations include the Departments of Computer Science and Software Engineering, Mechanical Engineering, the MacDiarmid Institute for Advanced Materials and Nanotechnology, the Human Interface Technologies Lab, the Wireless Research Centre, and the Electric Power Engineering Centre. The Department's research strengths encompass advanced applied embedded systems and control systems, supported by access to state-of-the-art resources.

Research collaborations are also active with industry, and several Universities and research institutes in New Zealand and from around the world. Our courses are team-taught and have a strong focus on work-integrated and project-based learning, with good support systems for our staff and students. We work together to create a friendly, supportive and thriving culture for our community.

Ng? Painga o UC | Why UC
Tangata T?, Tangata Ora - Engaged, Empowered, Making a Difference.

Ng? Uara | Our Values of manaakitanga, whanaungatanga and tiakitanga guide our decisions and behaviour and provide a roadmap for how we do things at UC, affirming our commitment to pastoral care and support for our ?konga and staff. They challenge and inspire us to be the best we can, and make UC a great place to work and study.

What we offer
The University is committed to providing an excellent working environment, this includes:

- relocation support
- onsite childcare facilities
- five weeks annual leave and five days university holidays
- UC Parental Leave (up to 9 weeks paid) + 26 weeks Government paid parental leave.
- widely accessible sabbatical provision
- generous employer contribution to superannuation (up to 6.75%)
- University and Faculty scholarship support for post-graduate students
- a unique bequest funded endowment (Erskine Fund) that supports an extensive visiting fellowship programme
- flexible working arrangements
- supportive working environment
- professional development and study opportunities
- living in revitalised ?tautahi | Christchurch, Aotearoa New Zealand
- a unique working environment in a beautiful campus with access to UC facilities such as the recreation centre and Staff Club at discounted rates plus onsite cafés and eateries, and more.

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For more information on our Benefits, please visit *https://www.canterbury.ac.nz/joinus/benefits/*

*This role sits within the Academic Staff, Associated Staff and Academic Support Staff Collective Agreement and the following salary scale applies:**Lecturer ($89,645 - $108,144) to Senior Lecturer ($113,826 - $ 129,098) p.a.*

The closing date for this position is: 3 November 2024 (midnight NZ time)

Please note, applications will be reviewed after the close date.

P?hea te tono mai | How You Apply

Applications for this position must be submitted on our careers website and should include the following:

- a **cover letter** which includes a **2-3 page statement** outlining your research interests and goals, teaching philosophy (combined)
- a **Resume**which includes a **list of relevant research publications** (combined).

We value inclusivity and diversity at the University of Canterbury. We know that candidates from underrepresented backgrounds often only apply for roles if they meet all the criteria. We like to make our hiring decisions based on more than just your previous job experience, so if you're keen to apply but are not sure you meet all of the requirements or need additional support please let us know (Enda.Crossin@canterbury.ac.nz)

We do not accept applications by email, however, we are happy to answer any queries at WorkatUC@canterbury.ac.nz

For overseas applicants, please visit Immigration New Zealand websiteto review the latest requirements for visiting and working in New Zealand.

For further information specifically about the role, please contact: Associate Professor Enda Crossin, enda.crossin@canterbury.ac.nz

To apply for this job, please click here or go to our job site and enter the job code 22297AK

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Contact Information

Contact

New Zealand