

Faculty Position in Department of Mechanical Engineering National Cheng Kung University (NCKU)

Established in 1931 as a prominent national university at Tainan city of Taiwan, NCKU has been ranked #22 for Engineering subject (U.S. News-Education) and #51–100 for Engineering-Mechanical subject (QS) in global universities. The Department of Mechanical Engineering at NCKU invites applications for **four** tenure-track faculty positions (assistant, associate or full professor). Appointments are to commence on **August 1, 2018**. Applications are welcome from individuals with research experience in the traditional areas of mechanical engineering: **thermo-fluids, solid mechanics, mechanical design, manufacturing technologies and material sciences, and control engineering**; but preference will be given to the following areas: green energy engineering, intelligent machines, photonics/semiconductors and nanotechnology, advanced manufacturing (e.g. additive manufacturing and micro/nano-manufacturing, bio-manufacturing engineering etc.), robotics and artificial intelligence.

Ideas and experience in innovative teaching will be an asset, while a strong research track record commensurate with the rank of appointment is essential. The successful candidates will be required to teach and supervise students at both undergraduate and graduate levels, and establish a strong, externally-funded research program. The candidate must have a PhD in Mechanical Engineering or a closely-related field. Candidates should have a demonstrated track record of technical, academic (excellence, or promise of excellence, in teaching and scholarly research) and professional achievement appropriate to the level of their appointment. Eligible successful applicants will be assisted in the application of a bonus award offered by the Ministry of Science and Technology (MOST), Taiwan. The applicants are encouraged to apply for the MOST [young talent cultivation projects](#), e.g., [Einstein](#) or [Columbus](#) project and preference will be given to those applicants who already attained those projects.

If interested, a complete application should include:

1. A cover letter clearly indicating the **rank** for which the candidate wishes to be considered;
2. A detailed curriculum vita highlighting career achievements, areas of research, teaching experience, list of publications and awards/honors, as well as research grants and students supervised (the last two items are especially important for the Associate or Full Professor position);
3. Three reference letters (or sent by referee via regular mail or e-mail in PDF format to Chairman of the Search Committee);
4. A copy of doctoral degree certificate, or a letter stating the expected graduation date with the signature of the applicant's thesis advisor;
5. Transcripts or academic records of both undergraduate and graduate studies (optional for applicants of Full professor position);
6. A statement of teaching interests with course outlines;
7. A statement of research plans detailing the intended projects to be pursued, envisioned resources, and external funding ideas to allow executing the research

- plans (maximum 3 pages).
8. Other materials that help demonstrate the applicant's accomplishments (such as certificates of awards, patents, etc.)

Complete applications must be received by **Jan. 5th, 2018** by regular mail at the address listed below.

Prof. I-Ling Chang
Department of Mechanical Engineering
National Cheng Kung University
Tainan, Taiwan 70101
Phone: 886-6-2757575 ext. 62124

The application package should also be sent in **PDF format by e-mail** to Prof. I-Ling Chang, Chairman of the Search Committee (E-mail: ilchang@mail.ncku.edu.tw/
ilingchang@gmail.com).