***Job Reference: 2068041***

***UTRCI Group Lead, Energy Systems***

**Grade: L4-L5**

United Technologies Research Center (UTRC) delivers advanced technologies to the businesses of United Technologies Corporation (UTC). UTC (NYSE:UTX) is a diversified company that provides a broad range of high-technology products and services to the global aerospace and building systems industries. UTC's commercial businesses are Otis elevators and escalators and UTC Climate, Controls & Security, a leading provider of heating, ventilation, air conditioning, fire and security systems, building automation and controls. UTC’s aerospace businesses are Sikorsky Aircraft Corporation and the new UTC Propulsion & Aerospace Systems, which includes Pratt & Whitney aircraft engines and UTC Aerospace Systems aerospace products.

UTRC partners with UTC business units and external research organizations to expand the boundaries of science and technology through research and innovation, delivering technology options that meet and anticipate the needs of the marketplace.

Founded in 1929, UTRC is located in East Hartford, Connecticut (U.S.), with an office in Berkeley, California, and research and development centers in Shanghai, China, and Cork, Ireland.

United Technologies Research Centre Ireland, Ltd. (UTRCI) is UTRC’s European research hub, created to fully leverage a global network of innovation. UTRCI works with universities, research institutes, and industry throughout Europe and beyond to further its research and development mission. UTRCI invites qualified individuals to apply for the following position in its Cork office. A competitive compensation and benefits package will be provided to the successful candidates.

Learn more @ [www.utrc.utc.com](http://www.utrc.utc.com)

**Job Responsibilities**

UTRCI seeks an experienced candidate for a senior level position as a project leader with expertise in developing and delivering technologies for low energy sustainable buildings. In this position, the candidate will lead technology teams in the areas of: a) building demand-side energy management (HVAC, lighting, etc), b) building supply-side (microgrid) energy management, c) building energy diagnostics, d) wireless sensing for low energy buildings and e) microgrid power electronics and power control. The successful candidate will work as part of technology teams in developing new technologies that will provide a competitive advantage for UTC’s business units.

The ideal candidate is a self-starter who works well in an international teaming environment, is extremely well-organized and has excellent interpersonal, leadership and communication skills. Besides technical excellence, an entrepreneurial attitude towards innovation is essential.

**Education**

A minimum of a doctoral degree in Mechanical, Electrical or Systems Engineering with 5+ years experience, or a master’s degree with a minimum of 7 years of industrial or academic experience, including leading projects and/or people in research and development in the areas of design and operation of building energy demand and supply management systems is required. Experience in technologies applied to low energy sustainable building systems and establishing network of contacts and partnerships in the European academic community, is highly regarded.

**Essential Experience/Qualifications**

* Build and lead high energy multi-disciplinary and international teams to successfully achieve desired technical outcomes within time and budget constraints.
* Communicate effectively with executive level technical and management teams.
* Demonstrate strategic leadership, innovative thinking and deep technical expertise in areas relevant to low energy sustainable building systems.
* Assure technical excellence and rigor in project execution through the identification and recruitment of technical skills in selected areas.
* Develop employees through both formal and informal training and through mentoring.
* Demonstrate superior project management and communication skills, providing timely and accurate reports and presentations to senior management and functional teams.
* Develop, articulate and realize technology roadmaps in areas related to low energy sustainable building systems, expanding the portfolio of technology maturation projects.
* Actively pursue external funding and collaborative opportunities in the area of high efficiency buildings with partners including companies, national labs and universities.
* Some travel required.

**Additional Comments**

This position is based at UTRC’s European hub in Cork, Ireland. To be eligible to apply, candidates must be legally entitled to work and reside in Ireland.

Candidates can apply online at: <http://www.utrc.utc.com/pages/Career/Job_openings.html> by selecting “Ireland” from the “Country” pull-down menu and clicking “Begin Search”

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