

Nicosia, 23 October 2018

PhD Position at the Cyprus Institute

The Position and the Research

We seek two talented and ambitious researcher (PhD student) interested to work in the field of aerosol physics/chemistry and atmospheric monitoring. The work involves the development of new low-cost aerosol particle spectrometer using novel (including 3D printing) techniques. Once built, the new instruments will be used for field measurements in Cyprus and abroad. The successful candidates will work in a highly interdisciplinary group of scientists, having the opportunity to collaborate with scientist at the Cyprus Institute and the University of Helsinki.

The development of the low-cost instruments will be carried out at the Instrumentation Laboratory of the Cyprus Institute, while the field measurements will take place at the Cyprus Atmospheric Observatory at Ag. Marina Xyliatou in Cyprus and at the Station for Measuring Ecosystem–Atmosphere Relations located at Hyytiälä in Finland.

Expected starting date: within 2019.

The Institute and the Research Centre

The CyI is a new (funded in 2007) and rapidly growing non-profit research and educational institution with scientific and technological focus. It is supported by the Government of Cyprus, which views its establishment as important to its overall policy of transforming Cyprus into a regional centre for research and education. The Energy, Environment and Water Research Centre (EEWRC) of the CyI was launched in December 2007 as the first research centre of the Institute. EEWRC works in close collaboration with the Massachusetts Institute of Technology (MIT), the Max Planck Institute for Chemistry, and Delft University of Technology on societally relevant issues related to Energy and Renewables, Environment and Climate, and Water and Natural Resources.

The Candidate

The successful candidates will have to be University graduates (MSc level) with a relevant academic degree (i.e., a degree in physics, chemistry and/or engineering). They should have a strong interest in the field of atmospheric sciences, in experimental lab work and/or fluid mechanics simulations. Other optional assets for these positions will be a background in Aerosol Science and Technology, and knowledge of using software such as Matlab, Comsol, Labview, SolidWorks or similar. Good oral and written communication skills in English, above-average study results, and the ability to work in interdisciplinary teams are a must.

Compensation

Estimated maximum salary per month: EUR 14000-15000 per annum

Employment basis: Temporary for specified period

Duration of the contract: 30 months, but extendable

Maximum hours per week: 40 (50% work on the project and 50% self study)

Other Information

You can seek further information apply for this position, by sending your CV and motivation letter to George Biskos (e-mail: g.biskos@cyi.ac.cy; tel. 00357-22208618)