

## **Full Time Marie Curie Early Stage Researcher Position in the fields of 3D Laser scanning and structured lighting methods in cultural heritage digitization for high resolution 3D surveys**

ITN-DCH aims for the first time worldwide that top universities, research centres, industries and Cultural Heritage (CH) stakeholders, end-users and standardized bodies will collaborate to train the next generation of researchers in Digital Cultural Heritage (DCH).

One Early-Stage Researcher (ESR) will be recruited by the ITN-DCH project partner ArcTron 3D Ltd - Engineering Services for 3D-Documentation & Software Development, Altmühl (near Regensburg), Bavaria, Germany (ArcTron 3D).

### **Research Fields**

Information science - Documentation  
Engineering - Civil engineering  
Architecture - Other

### **Benefits**

Competitive salary to cover living costs, social security and health insurance and mobility costs for 27 months (see also for more info about Marie Curie fellows salary and other benefits: <http://ec.europa.eu/euraxess/index.cfm/jobs/fgDetails/76459>)  
Opportunity to register for a PhD course on a project partner university  
Opportunities for international collaboration and travel to world-class academic and industrial partners and attend scientific events (conferences, workshops, summer schools, etc).  
Training in a range of state-of-the-art scientific skills, intellectual property and project management skills. Secondment placements within the network's partners.

### **Eligibility criteria**

#### Application

Applications are invited from candidates who possess the necessary qualifications in order to fill one

(1) full time Marie Curie Early Stage Researcher Fellow Position within the ArcTron 3D Ltd. (Germany) in the fields of 3D-Surveying (Laserscanning, Structured Light Scanning and Photogrammetry), Data Processing (Photogrammetric Image Processing, 3D Pointcloud Processing) and GeoInformatics for Cultural Heritage.

The selected Marie Curie Early Stage Researcher (ESR) will work within the ITN-Digital Cultural Heritage (ITN-DCH) Marie Curie ITN Programme ([www.itn-dch.eu](http://www.itn-dch.eu)) for 27 months (expected starting date: Mid of January 2015).

ITN- DCH is a major EU funded programme which brings together fourteen (14) leading European partners and nine (9) associate members in a transnational network, aiming at implementing a multidisciplinary and intersectorial research and training programme between the academic and the industrial partners in the fields of 3D Surveying, Computer Graphics, Computer Vision and Human Computer Interaction (HCI) for Cultural Heritage.

### **Selection process**

The Applicant should:

1. Have a Diploma and/or a Master Degree from a recognized university in Photogrammetry, Surveying Science, Computer Science, Geomatics, Engineering, Computer Graphics/Vision with a maximum less than four (4) years of a continuous full-time research experience in the

above fields, excellent technical knowledge, programming skills and language/communication implementation skills.

2. At the time of recruitment, not have resided (or carried out his/her main activity e.g. work, studies, etc.) in Germany, for more than 12 months in the last 3 years immediately prior to the reference recruitment date.
3. Have excellent knowledge of the English language (spoken and written / proficiency level)
4. Be able present their results on project meetings, international conferences, to the public (outreach) and in scientific publications and to contribute to patent applications.
5. Very good knowledge in German language (spoken and written will be an advantage)
6. EU Driving Licence (will be an advantage)

### **Applicants are requested to submit the following:**

1. Detailed Curriculum Vitae.
2. Motivation Letter
3. Official certified transcripts of grades from all academic institutions of higher education listed in his/her application, certified copies of degrees, or/and certifications of fulfilment of the required obligations for entering a graduate PhD programme
4. Official certified copies of titles in English language
5. Names of three referees who, upon request, can provide recommendation letters
6. Copies of any related research papers or other significant work by the applicant

Applications must be submitted in a closed express courier envelope marked as "Application for FP7-PEOPLE Marie Curie ITN-DCH Research Fellow Position" addressed to:

Martin Schaich, M.A.  
ArcTron 3D Engineering Services for 3D Surveying & Software Development GmbH  
Ringstrasse 8  
93177 Altenthann, Germany

Applicants are also requested to send their applications also electronically to these email addresses :

[mschaich@arctron.de](mailto:mschaich@arctron.de), and [marinos.ioannides@cut.ac.cy](mailto:marinos.ioannides@cut.ac.cy)  
before the deadline of Mid of January 2015, 24:00, however please note that the electronic submission alone will not be considered as a formal application unless the printed application is received as requested in the previous paragraph.

Application deadline: 03rd of December 2014, 24:00.

Start of the fellowship: Mid of January 2015 Duration: 27 month

Workplace/ Host organization: Altenthann (Germany) [www.arctron.com](http://www.arctron.com)

Please visit [www.itn-dch.eu](http://www.itn-dch.eu) for detailed information