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## Fellowship & Grant details

Fellowship posted by ArcTron 3D GmbH (27/12/2013 10.57)



### 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

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Cultural Heritage (CH) is an integral element of Europe and vital for the creation of a common European identity and one of the greatest assets for steering Europe's social, economic development and job creation. However, the current research training activities in CH are fragmented and mostly design to be of a single-discipline, failing to cover the whole lifecycle of Digital Cultural Heritage (DCH) research, which is by nature a multi-disciplinary and intersectorial research agenda. ITN-DCH aims for the first time worldwide that top universities, research centers, industries and CH stakeholders, end-users and standardized bodies will collaborate to train the next generation of researchers in 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, Altenthann (near Regensburg), Bavaria, Germany (ArcTron 3D).

#### Research Fields

Information science - Documentation  
Engineering - Civil engineering  
Architecture - Other

#### Other costs

Benefits

- Competitive salary to cover living costs, social security and health insurance and mobility costs for 30 months (see also for more info about Marie Curie fellows salary and other benefits: [http://ec.europa.eu/research/mariecurieactions/index\\_en.htm](http://ec.europa.eu/research/mariecurieactions/index_en.htm))
- 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).

#### Application details

##### Application deadline

30/04/2014

##### Application e-mail

[mschaich@arctron.de](mailto:mschaich@arctron.de),  
[marinos.ioannides@cut.ac.cy](mailto:marinos.ioannides@cut.ac.cy)

#### Other fellowship details

##### Fellowship ID

63346

##### EU Research Framework

##### Programme

FP7/People-Marie Curie Actions  
(except COFUND)

#### Funding organisation / Contacts

##### ArcTron 3D GmbH

Small Medium Enterprise  
Ringstrasse 8 93177 Altenthann -  
Germany  
<http://www.arctron.de>  
E-mails  
[mschaich@arctron.de](mailto:mschaich@arctron.de)

#### QR-Code

[Get the QR-Code](#)

- 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 30 months (expected starting date: September 2014).

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:

- 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.
- 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.
- Excellent knowledge of the English language (spoken and written / proficiency level)
- Very good knowledge in German language (spoken and written will be an advantage)
- EU Driving Licence (will be an advantage)

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#### Programme Description

<b>International mobility required ?</b>	yes
<b>Eligible destination country/ies for fellows</b>	Germany

**Eligibility of  
fellows:  
country/ies of  
residence**

Afghanistan, Albania, Algeria, All, American Samoa, Andorra, Angola, Antigua And Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaidjan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bermudas, Bhutan, Bolivia, Bosnia-Herzegovina, Botswana, Brazil, Brunei, Bulgaria, Burkina-Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Cayman Islands, Central African Republic, Chad, Chile, CHINA (HONG KONG), CHINA (MAINLAND), Colombia, Comores, Congo (Democratic Republic Of The), Congo (Republic Of The), Cook Islands, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Djibouti, Dominica, Dominican Republic, E.E.C., East Timor, Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Faroe Islands, Fidji, Finland, France, French Guyana, French Polynesia (Thaiti), FYRoMacedonia, Gabon, Gambia, Georgia, Ghana, Greece, Greenland, Grenada, Guadelupe, Guam, Guatemala, Guinea, Guinea Bissau, Guyana, Haiti, Honduras, Hungary, Iceland, India, Indonesia, International, Iran, Iraq, Ireland, Israel, Italy, Ivory Coast, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kiribati, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Macao, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Marshall Islands, Martinique, Mauritania, Mauritius, Mexico, Micronesia, Federated States Of, MOLDOVA, Monaco, Mongolia, Montenegro, Montserrat, Morocco, Mozambique, Myanmar (Burma), Namibia, Nauru, Nepal, Netherlands, Netherlands Antilles, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, North Korea, Norway, Oman, Other, Pakistan, Palastine, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Reunion Islands (France), Romania, Russia, Rwanda, Saint Kitts And Nevis, Saint Lucia, Saint Pierre And Miquelon, Saint Vincent And The Grenadines, Samoa American, San Marino, Sao Tome And Principe, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, Solomon Islands, Somalia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Surinam, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Togo, Tonga Islands, Trinidad And Tobago, Tunisia, Turkey, Turkmenistan, Tuvalu, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States, Uruguay, Usbekistan, Vanuatu, Vatican City, Venezuela, Vietnam, Virgin Islands (Uk), Virgin Islands (Us), Yemen, Zambia, Zimbabwe

**Eligibility of  
fellows:  
nationality/ies**

Afghanistan, Albania, Algeria, All, American Samoa, Andorra, Angola, Antigua And Barbuda, Argentina, Armenia, Aruba, Australia, Austria, Azerbaidjan, Bahamas, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Belize, Benin, Bermudas, Bhutan, Bolivia, Bosnia-Herzegovina, Botswana, Brazil, Brunei, Bulgaria, Burkina-Faso, Burundi, Cambodia, Cameroon, Canada, Cape Verde, Cayman Islands, Central African Republic, Chad, Chile, CHINA (HONG KONG), CHINA (MAINLAND), Colombia, Comores, Congo (Democratic Republic Of The), Congo (Republic Of The), Cook Islands, Costa Rica, Croatia, Cuba, Cyprus, Czech Republic, Denmark, Djibouti, Dominica, Dominican Republic, E.E.C., East Timor, Ecuador, Egypt, El Salvador, Equatorial Guinea, Eritrea, Estonia, Ethiopia, Faroe Islands, Fidji, Finland, France, French Guyana, French Polynesia (Thaiti), FYRoMacedonia, Gabon, Gambia, Georgia, Germany, Ghana, Greece, Greenland, Grenada, Guadelupe, Guam, Guatemala, Guinea, Guinea Bissau, Guyana, Haiti, Honduras, Hungary, Iceland, India, Indonesia, International, Iran, Iraq, Ireland, Israel, Italy, Ivory Coast, Jamaica, Japan, Jordan, Kazakhstan, Kenya, Kiribati, Kuwait, Kyrgyzstan, Laos, Latvia, Lebanon, Lesotho, Liberia, Libya, Liechtenstein, Lithuania, Luxembourg, Macao, Madagascar, Malawi, Malaysia, Maldives, Mali, Malta, Marshall Islands, Martinique, Mauritania, Mauritius, Mexico, Micronesia, Federated States Of, MOLDOVA, Monaco, Mongolia, Montenegro, Montserrat, Morocco, Mozambique, Myanmar (Burma), Namibia, Nauru, Nepal, Netherlands, Netherlands Antilles, New Caledonia, New Zealand, Nicaragua, Niger, Nigeria, North Korea, Norway, Oman, Other, Pakistan, Palastine, Palau, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal, Puerto Rico, Qatar, Reunion Islands (France), Romania, Russia, Rwanda, Saint Kitts And Nevis, Saint Lucia, Saint Pierre And Miquelon, Saint Vincent And The Grenadines, Samoa American, San Marino, Sao Tome And Principe, Saudi Arabia, Senegal, Serbia, Seychelles, Sierra Leone, Singapore, Slovakia, Slovenia, Solomon Islands, Somalia, South Africa, South Korea, Spain, Sri Lanka, Sudan, Surinam, Swaziland, Sweden, Switzerland, Syria, Taiwan, Tajikistan, Tanzania, Thailand, Togo, Tonga Islands, Trinidad And Tobago, Tunisia, Turkey, Turkmenistan, Tuvalu, Uganda, Ukraine, United Arab Emirates, United Kingdom, United States, Uruguay, Usbekistan, Vanuatu, Vatican City, Venezuela, Vietnam, Virgin Islands (UK), Virgin Islands (Us), Yemen, Zambia, Zimbabwe

**Website of  
Fellowship  
Programme**

[www.itn-dch.eu](http://www.itn-dch.eu)

Fellowship's Details

<b>Career Stage</b>	Early stage researcher or 0-4 yrs (Post graduate)
<b>Research Profile</b>	First Stage Researcher (R1)
<b>Employment contract with full social security</b>	yes
<b>Total amount per fellowship per year</b>	36024
<b>Currency</b>	euro
<b>Covers salary</b>	yes
<b>Covers travel and subsistence</b>	yes
<b>Covers research costs</b>	yes
<b>Maximum duration of fellowship</b>	30



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