

TRAINING DAYS

LATEST EDUCATIONAL INFORMATION ON TRAINING COURSES, DISTANCE LEARNING, COMPANY TRAINING DAYS, SEMINARS, AND WORKSHOPS CURRENTLY AVAILABLE. THIS SECTION WILL ALSO INCLUDE COMPETITIONS, AND STUDENT OFFERS AMONG OTHER EXCITING OPPORTUNITIES

SIXTH ACM SIGSPATIAL INTERNATIONAL WORKSHOP ON GEOSTREAMING (IWGS) 2015

We are entering the era of 'big data' thanks to the exponential growth and availability of structured and unstructured data, among which a large amount are real-time streaming data emitted from sensors, imagery and mobile devices.

In addition to the temporal nature of stream data, various sources provide stream data that has geographical locations and/or spatial extents, such as geotagging Twitter streams, mobile GPS location streams, spatial temporal image streams, and so on.

This workshop, to be held on 3 November in Seattle, Washington, US, addresses the research communities in both stream processing and geographic information systems. It brings together experts in the field from academia, industry and research labs to discuss the lessons they have learned over the years, to demonstrate what they have achieved so far, and to plan for the future of geostreaming.

For more information, please visit: www.iwgeostream.com

ISPRS GEOSPATIAL WEEK 2015

The newly established ISPRS Geospatial Week will be held between 28 September and 2 October in La Grande Motte, France. Geospatial Week is a scientific event hosting a bundle of high quality conferences and workshops on the topics of geospatial data acquisition, data processing, data visualisation and dissemination. The objective is to provide in the same location during a full working week a very rich scientific programme with a mix of methodology-oriented and thematic-oriented events that will enable communities to meet, to exchange, and cross-fertilise.

Three technical visits on 27 September to the famous Mont Aigoual will provide a rare glimpse of a great variety of natural and man-made landscapes, representing a large climatic gradient, from the Mediterranean level to the medium-altitude mountains.

For more information, please visit:
www.isprs-geospatialweek2015.org

DISTANCE LEARNING GIS PROGRAMMES

UNIGIS UK

Study for a postgraduate qualification in GIS by online distance learning

UNIGIS UK has been at the forefront of GIS education for over 20 years, providing online distance learning-based postgraduate education and training in Geographical Information Systems and Science. Our part-time programmes support the personal and career development of GI professionals and those seeking to enter the GI industry. We support you with personal tutors, online resources and web collaboration software for surgeries and tutorials. There are no examinations, our courses are delivered through our bespoke VLE, and are 100% coursework assessed.

"The material covered in this course is relevant and up to date. I landed the GIS job I always wished for only 2 months after completing the UNIGIS programme".

MSc GIS Student 2013

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- part-time online, distance learning
- flexible entry requirements
- one year for the PgC, two years for the PgD, and three years to complete the Masters
- specialist pathways in GIS, Applied GIS, and GI Technologies
- degrees awarded either by Manchester Metropolitan University or the University of Salford
- recognition by the UK Association for Geographical Information (AGI) for continuing professional development
- annual intake in September
- competitive fees with instalment options
- key textbook and industry standard software included

Educating GIS Professionals Worldwide



www.unigis.org

EUROSDR/ISPRS WORKSHOP ON OBLIQUE CAMERAS AND DENSE IMAGE MATCHING

Geospatial data generated automatically from images is currently experiencing a technological boost: increasing quality of digital airborne imagery, developments and availability of oblique multi-camera systems, and innovations in dense image matching algorithms. National Mapping and Cadastral Agencies (NMCAs) are considering changing their production pipelines while photogrammetric companies are considering upgrading their airborne cameras to multi-view systems.

The EuroSDR/ISPRS workshop on oblique cameras and dense image matching will bring together experts and users of these technologies and solutions to discuss the latest developments and present the latest results.

Presentations will come from industry, academia, and NMCAs. Further speakers from the R&D, NMCA and industrial communities are warmly invited to attend the event and present their results. In particular researchers using the benchmarking datasets are kindly asked to join the event and present their achievements. Please send an email before 21 September, to Fabio Remondino - remondino@fbk.eu - if you are willing to give a presentation.

Registration is free and the event will be held on 19-20 October at the Ordnance Survey's headquarters, Explorer House, Southampton, UK.

For more information, visit: www.eurosd.net/workshops/eurosdripr-workshop-oblique-cameras-and-dense-image-matching

DAVE DOYLE'S NINE NEW COURSES TAKE GEOLEARN CATALOGUE TO 65+

GeoLearn, a company focused on serving the geospatial industry with video-based online learning and continuing education credits, has announced nine new courses on geodesy topics by retired NGS chief geodetic surveyor David Doyle. All these courses carry approval for professional development hours (PDHs) from the ABET-accredited geospatial programme at Texas A&M University-Corpus Christi.

Doyle's first eight courses are offered as a series, though you can pick and choose. The first is an introductory stage-setting course on geodetic fundamentals for those who have been hesitant to delve into any geodesy-related topic. It is an excellent primer for a broad spectrum of geospatial professionals and technicians in fields such as land surveying, engineering and technical GIS applications. The rest of the series includes two on classical horizontal datums and contemporary horizontal datums and two on vertical datums. He includes an additional course on future datums and another on coordinate systems.

Doyle's ninth course uncovers the 'secret sauce' to understanding and using NGS data sheets. It helps novices and experienced alike to understand all the clues and guideposts embedded in such sheets. Doyle includes a discussion of how to understand the accuracy (horizontal and vertical) of various marks based on the metadata provided right in the data sheet. Also included is information on how to access photographs of the marks and how you can update the information using a simple program that you can download from the NGS website.

"I've been addressing groups of surveyors and other professionals who use NGS data. In these courses, I take those decades of interaction and try to anticipate and address the most common problems they've encountered and most of the questions they would ask," says Doyle.

"Dave was of phenomenal service to geospatial professionals when he was with NGS," says Joe Paiva, CEO of GeoLearn. "We are proud to be the only 24/7 education source that delivers Dave's quality, video-based education on these needed topics."

For more information, visit: www.geolearn.com



Geographic Information Systems

Study for the award of Postgraduate Certificate, Postgraduate Diploma or MSc through online distance learning

Our course provides a broad-based education in the principles and practice of GIS. PgDip modules cover issues such as the representation, acquisition, management and manipulation of spatial data, spatial analysis and modelling, remote sensing, GIS in the commercial environment, databases and Web GIS. Concepts and techniques are illustrated using a variety of applications. Theoretical material is introduced in online lectures and reinforced by directed reading and practical exercises, giving extensive hands-on experience of key GIS packages and other relevant software (including ArcGIS, Erdas Imagine, Excel, SPSS, open source software, web programming and various GIS extensions and plug-ins), developing technical expertise as well as an appreciation of real-world implementation issues. Optional modules are available in GIS customisation, environmental applications and workplace projects. For the award of MSc the student must undertake an independent research project in addition to the eight PgDip modules.

Key Features:

- Delivers all course material via the internet; gives flexibility of time, location and workload.
- 1 academic year (8 months) for PgCert, 2 years for PgDip and 1 further year for MSc (part-time); full-time also available (4 months PgCert, 8 months PgDip, 1 year MSc).
- Additional options available: reduced pace study; enrol for individual modules; traditional on-campus study.

The course enrolls two intakes per year; the next start dates are 21 September 2015 and 25 January 2016.

Further details may be obtained from:

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W: www.science.ulster.ac.uk/envsci/-Postgraduate-.html