

# 2009 Leica Geosystems HDS Worldwide User Conference

# Agenda Update

## SUNDAY, OCTOBER 25

### Special Sunday Hands-on Workshops

Leica Geosystems offices at 4550 Norris Canyon Road, San Ramon

**8:30 am to 12:00 noon** Registration and geo-referencing – intermediate, Dublin Room

**8:30 am to 12:00 noon** PUBLISHER and TruView – advanced topics, Training Room

**12:00 noon** Lunch, Break Room

**1:00 pm to 4:30 pm** Civil workflows, inc. topo and quantities, Training Room

**1:00 pm to 4:30 pm** Plant workflows – intermediate, Dublin Room

### Sunday Conference Registration and Welcome Reception

**5:00 pm to 9:00 pm** Registration/information at Marriott Contra Costa Foyer

**6:00 pm to 9:00 pm** Informal Welcome Reception at Marriott, Salon 1

## MONDAY, OCTOBER 26 Salon E – H

**7:15 am** Registration and continental breakfast

**8:00 am** Welcome introduction to 2009 HDS User Conference and Leica Management Perspective; Dr. J. Dold, Leica; G. Jacobs

**8:30 am** Subsidence evaluation of 350 building columns and role of HDS in a civil/survey firm in today's economy; T. Beers, Nolte Assoc., Colorado, USA

**9:00 am** Plant fabrication QA prior to shipment for installation in another location; S. Goucher, Cianbro Constructors, Maine, USA

**9:30 am** Leica ScanStation C10: product insights; G. Walsh, Leica and H. Tuexsen, Leica

**10:00 am** Break

**10:30 am** Using HDS on cell towers to grow and diversify a surveying business; D. Brown, Star Net Geomatics, Scotland

**11:00 am** Combining HDS with a multi-media services business; R. Lasater, SmartMultimedia, Texas, USA

**11:30 am** Scanning at major incidents; Valentin Vanhecke, Dutch National Police, The Netherlands

**12:00 noon** Luncheon

**Keynote:** Where terrestrial laser scanning fits today in geomatics and where it's headed; Dr. D. Fritsch, University of Stuttgart, Germany

**1:30 pm** Using two fixed ScanStation 2's for automatic monitoring of a large civil construction project; P. Gouvin, Geo-Instruments, Rhode Island, USA

**2:00 pm** Applying HDS in Korea to landmark heritage sites: workflow and business insights; S. Kim, WIPCO, Korea

**2:30 pm** Successful use of HDS for building construction QA, BIM updating, and other construction applications; D. Stenning, Hoffman Construction, Washington, USA

**3:00 pm** Break

**3:30 pm** Systems integrator insights for using HDS6000's in a mobile mapping system; B. Jeeninga, QPS, The Netherlands

**4:00 pm** From experimenting with TruView to offering valuable portal services: Taking full advantage of TruView for the benefit of your clients, project stakeholders, and service business; C. Velasquez, Epic Scan, Oregon, USA

**5:30 pm** Special Conference Dinner and Networking Event until 9:30 pm

## TUESDAY, OCTOBER 27 Salon E – H

- 7:15 am** Registration and continental breakfast
- 8:15 am** Introductory remarks, Geoff Jacobs, Leica
- 8:30 am** Using four HDS4500s and an HDS3000 to scan building facades for Istanbul city planning: the world's largest scanning project; Dr. G. Buyuksalih, BIMTAS/IMP, Turkey
- 9:00 am** Cyclone II TOPO: using it for faster HDS topographic mapping and to bring satellite offices up to speed quicker on HDS; Fred Bermudez, NCG, Florida, USA
- 9:30 am** How a 2-person surveying firm takes advantage of HDS on a daily basis – in rainy England, no less! T. Beach, Multi-Limn Ltd., England
- 10:00 am** **Break**
- 10:30 am** Taking full advantage of HDS in a large plant engineering company-expanding on the portal service approach; Stein-Erik Mitchell, Aker Solutions, Norway
- 11:00 am** Effective use of HDS for building leasing; L. Morrison, Mercator Land Surveying, New York, USA
- 11:30 am** More hidden gems in Cyclone, including Cyclone 7.0; Guy Cutting, Leica, California, USA
- 12:00 noon** **Luncheon**
- 1:30 pm** Point cloud animations: how we use them for effective marketing and client deliverables and how we create high-end, small file-size animations using freeware; H. Devejian, Precision Engineering, California, USA
- 2:00 pm** Case study project: creating 3D intelligent plant models with HDS6000 and CADWorx; Billy Therrell, MKEC, Kansas, USA
- 2:30 pm** How a mid-size civil/survey firm uses HDS for small intersection projects and secures a fair value for scanning services with government agencies; Z. Chen, Dynasty Group, Illinois and China
- 3:00 pm** **Break**
- 3:30 pm** Applications of mobile scanning using an HDS6000; Dr. G. Graefe, 3D Mapping, Germany
- 3:30 pm \*** **User case studies using 3DReshaper meshing software with HDS data including heritage project applications; Pascal Lefebvre-Albaret, Technodigit/Hexagon, France**
- 4:00 pm** Successfully providing HDS service to contractors and Owner/Operators: theme parks, buildings, and quantity surveys; E. Oliveras, McKim and Creed, North Carolina, USA
- 4:00 pm \*** **HABS/HAERS bridge documentation and modeling; S. Billingsley, Geophysical Data Management, Tennessee, USA**
- 4:30 pm** Scanning-to-BIM: fuzzy hype or profitable reality? Panel discussion
- 4:30 pm \*** **Historic preservation projects: work flows and market updates; B. Walker, Midwestern Consulting, Michigan, USA**
- 5:00 pm** Leica Product Input Session **(for Leica HDS Users Only)**
- 6:00 pm** End of Day 2 Sessions, Open Evening

**\* Parallel Heritage Mini-Track, Salon 1**

## WEDNESDAY, OCTOBER 28 Salon E – H

- 7:15 am** Registration and continental breakfast
- 8:15 am** Introductory remarks, Geoff Jacobs, Leica
- 8:30 am** The benefits of HDS for the Los Angeles Sheriff's Department Crime lab and their clients; S. Watson, Los Angeles Sheriff's Department Crime Lab, California, USA
- 9:00 am** Use of HDS in tunnels: case studies, field and office work flows, client benefits; M. Jansson, SWECO, Sweden
- 9:30 am** Monitoring internal wear on ball mills using ScanStation, Cyclone and Excel; B. Christensen, Sunrise Engineering, Utah, USA
- 10:00 am** **Break**
- 10:30 am** After acquiring HDS for a major airport project in 2006, how VTN has taken advantage of HDS during the sharp residential construction downturn in Las Vegas, Nevada; James Hall, VTN Consulting, Nevada
- 11:00 am** Using remote, high sample-rate HDS for monitoring of large, dynamic structures for deformation analysis; Dr. C. Hesse, Dr. Hesse und Partner Ingenieure, Germany
- 11:30 am** Heritage market: a business perspective in today's economy; Panel discussion
- 12:00 noon** **Luncheon**
- 1:30 pm** Using ScanStation2 for monitoring tunnel, highway and canal construction plus new 3D building modeling process; Professor Hong-Gyoo Sohn, Yonsei University, Korea
- 2:00 pm** How a traditional survey company started with HDS in 2008 to diversify, gain new customers and achieve competitive advantage; E. Nordesjo, Mattjanst, Sweden
- 2:30 pm** Using ScanStation2 with X-ray, tomography, IR, and UV methods to find a lost DaVinci painting; Mike Olsen, Oregon State University and UCSD, Oregon and California, USA
- 3:00-3:15 pm** Announcement of "Plan Contest" winners; Mike Harvey, Leica + Closing remarks; Juergen Dold, Leica
- 3:15 pm** Closing reception
- 5:00 pm** End of Day 3, Open Evening

## THURSDAY, OCTOBER 29

### Special Thursday Hands-on Workshops

Leica Geosystems offices at 4550 Norris Canyon Road, San Ramon

- 8:30 am to 12:00 noon** Cyclone latest features, tips and tricks, Training Room
- 8:30 am to 12:00 noon** ScanStation setup and traversing, Dublin Room
- 12:00 noon to 1:00 pm** **Lunch, Break Room**
- 1:00 pm to 4:30 pm** Registration and geo-referencing - intermediate, Dublin Room
- 1:00 pm to 4:30 pm** Cyclone latest features, tips and tricks, Training Room