
TxDOT SURVEYORS' CONFERENCE
Tuesday, April 24, 2018

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| Opening Welcome David Dawson, <i>TxDOT, FTW</i> | 8:00 AM |
| Opening Comments Marc Williams, <i>TxDOT ADM</i> | 8:10 AM |
| Sponsor Comments Gus Cannon, <i>TxDOT DES</i> | 8:25 AM |
| TSPS Activities Chris Freeman, <i>RPLS, TSPS TxDOT Liaison</i> | 8:45 AM |
| Award of Excellence in Surveying David Dawson, <i>RPLS, TxDOT FTW</i> | 9:05 AM |
| BREAK | 9:10 AM |
| Plenary Session Texas Senator Robert Nichols, <i>Chairman Senate Transportation Committee</i> | 9:30 AM |
| Plenary Session Darran Anderson, <i>TxDOT, ADM</i> | 9:50 AM |
| Presentation 1 - Being an Expert Witness Clint Harbour <i>TxDOT, CST</i> | 10:20 AM |
| Presentation 2 - GIS resources at TxDOT John Phillips and Matt Washburn, <i>TxDOT, TP&P</i> | 11:05 AM |
| LUNCH | 11:30 AM |
| Presentation 3 - Revisions to the TSPS Manual of Practice Phillip Adams, <i>Texas Society of Professional Surveyors</i> | 1:00 PM |
| Presentation 4 - GEOID19 David Doyle, <i>Base 9 Geodetic Consulting Services</i> | 2:00 PM |
| BREAK | 2:30 PM |
| Presentation 5 - Point Cloud Ordering, Processing, and quality assurance Ted Knaak, <i>Certanty3D</i> | 2:50 PM |
| Presentation 7 - New Datums David Doyle, <i>Base 9 Geodetic Consulting Services</i> | 3:50 PM |
| Presentation 8 - TxDOT UAS Flight Operation Manual Jim Reid, <i>TxDOT AVN</i> | 4:30 PM |
| Technology Expo | 5:00 PM |

TxDOT SURVEYORS' CONFERENCE
Wednesday, April 25, 2018

| 8:00 AM | |
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| Breakout Session 1 - Ethics - Business Ethics (required for RPLS CEU) Homer Diaz, <i>TxDOT, Human Resources</i> | Breakout Session 2 - LiDAR - Mobile LiDAR data acquisition Stan Burns, P.E. <i>Integrated Inventory, LLC</i> - Highly Productive Processes for Mobile LiDAR Asset Extraction Ted Knaak, <i>Certainty 3D</i> |

BREAK

10:00 AM

| 10:20 AM | |
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| Breakout Session 1 - Ethics - Fraud and Fraud Awareness (required for RPLS CEU) Parsons Townsend, <i>TxDOT, Compliance Division</i> | Breakout Session 4 - Equipment - Operating the SX10 total station/scanner Donn Eyman, <i>Western Data Systems</i> - Tablet data collectors Matt Bryant, <i>NTTD</i> |

LUNCH

11:30 AM

| 1:00 PM | |
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| Breakout Session 5 - Topics in Surveying - Introduction to TBC Matt Bryant, Ryan Ward, <i>NTTD</i> - COGO/Map checks in TBC Matt Bryant, Ryan Ward, <i>NTTD</i> - Basic Rover Operations with Radio Matt Bryant, <i>NTTD</i> | Breakout Session 6 - ROW - Reestablishing Hightway Right of Way Dan Erwin, RPLS, PLS, <i>TxDOT ROW</i> staff - Creating a Good Surveyors' Report Dan Erwin, RPLS, PLS, <i>TxDOT ROW</i> staff - Original Right of Way Surveys Gone Wrong Dan Erwin, RPLS, PLS, <i>TxDOT ROW</i> staff - ROW Division Updates and Q&A Dan Erwin, RPLS, PLS, <i>TxDOT ROW</i> staff |

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| BREAK | 3:00 PM |
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| Presentation 9 - TxDOT UAS Research Project (45 min) | 3:20 PM |
| Dr Anand Puppala, <i>PhD</i> and Surya Sarat Chandra Congress, <i>University of Texas, Arlington</i> | |
| Presentation 10 - Communities of Practice (CoP): Creating a Knowledge Culture | 4:05 PM |
| Benjamin Anyacho, MBA, PMP, <i>TxDOT STR</i> | |
| Presentation 11 - Geomatics Community of Practice and SIT Mentoring Program | 4:35 PM |
| Jonathan Martin, <i>TxDOT DES</i> | |
| Closing Remarks | 4:55 PM |
| David Dawson, RPLS, <i>TxDOT, FTW</i> | |