

2023 SURVEY TECHNICAL WORKSHOP SCHEDULE

TUESDAY, MARCH 28, 2023

| WHITEBIRCH I & II | | | |
|-------------------|---|---|---|
| 9:00 AM | WORKSHOP REGISTRATION | | |
| 10:00 AM | WELCOME AND OPENING REMARKS Geoff Bitner, Assistant Director Office of Land Management | | |
| 10:15 AM | A JOURNEY THROUGH TIME “A HISTORIC LOOK AT GNSS AND NEW SIGNALS IN SPACE” Bob Green | | |
| 12:15 PM | LUNCH IN MINNESOTA I & II | | |
| | WHITEBIRCH I | WHITEBIRCH II | LAKESIDE RM. |
| 1:15 PM | 3D VISUALIZATION: WILL YOU BE RIDING THE WAVE? Jeff Christiansen | TECHNOLOGY ADVANCES – UAV SURVEYING Will Connell | TRIMBLE GNSS CORRECTIONS AND RTK BRIDGES Dustin Harr & Weston Schneider |
| 2:15 PM | ALL ABOUT MNGEO Alison Slaats | COLLECTING AND GENERATING HIGHLY ACCURATE DATA FROM UAS LIDAR Colin Lee | IMPROVE YOUR DESIGN REVIEW PROCESS WITH BLUEBEAM REVU Ken Phelps |
| 3:15 PM | BREAK IN MINNESOTA I & II | | |
| 3:30 PM | THE SURVEYOR’S IMPACT ON A 3D MACHINE CONTROL JOBSITE Will Connell & Jim Linn | MINNESOTA TREE ID THROUGH THE SEASONS David Hanson | CONFIGURING BLUEBEAM REVU FOR TEAM SUCCESS Ken Phelps |
| 4:30 PM | ADJOURN | | |
| 5:30 PM | DINNER IN MINNESOTA I & II | | |



SOFTWARE & EQUIPMENT DEMONSTRATION

2023 SURVEY TECHNICAL WORKSHOP SCHEDULE

WEDNESDAY, MARCH 29, 2023

| 6:45 AM BREAKFAST IN MARINA DINING ROOM | | | |
|---|--|---|---|
| | WHITEBIRCH I | WHITEBIRCH II | LAKESIDE RM. |
| 8:00 AM | MOBILE LIDAR FOR TRANSPORTATION APPLICATIONS Jerry Ripley & Matt Vinopal | CONSTRUCTION STAKING ALONGSIDE MACHINE CONTROL Justin Kraus | MINNESOTA'S SCHOOL TRUST LANDS Aaron Vande Linde |
| 9:00 AM | DE-ESCALATION Landyn Prescott-Miles | 3D DATA IN THE FIELD FOR CONSTRUCTION Jay Haskamp | MATH REFRESHER (VERTICAL CURVES/TRIGONOMETRIC RATIOS) Sean Clark & Dan Kvaal |
| 10:00 AM BREAK IN MINNESOTA I & II | | | |
| 10:15 AM | FIELD SAFETY FOR MOVING OPERATIONS Steve Blaufuss | LOTS, TRACTS, PARCELS, AND ZONING Sam Gibson | THE FUTURE OF SURVEYING Tim Kerr |
| 11:15 AM | UNDERSTANDING INDIAN COUNTRY Levi Brown | TECHNOLOGY IN AGRICULTURE Alex Sykora | DRONE SURVEYING BEST PRACTICES TO ACHIEVE HIGH ACCURACY WITH MINIMAL SURVEY CONTROL Jeffrey Walsh |
| 12:15 PM LUNCH IN MINNESOTA I & II | | | |
| 1:15 PM | "MORATZKA", THE MARKETABLE TITLE ACT (MTA), AND PLATTED RIGHTS OF WAY Joshua Falck | WORKING SAFELY AROUND VEGETATION David Hanson | WHAT'S NEW IN SURVPC 7 Ladd Nelson |
| 2:15 PM | WORKING WITH POINT CLOUDS IN TRIMBLE BUSINESS CENTER Dylan Jones | 3D CONSTRUCTION SURVEYING OFFICE TO FIELD PART 1 Justin Kraus | MISREPRESENTATION OF THE MINNESOTA/WISCONSIN BORDER ON CENSUS MAPS Ryan Olson |
| 3:15 PM BREAK IN MINNESOTA I & II | | | |
| 3:30 PM | TRIMBLE ACCESS (WHAT'S NEW IN '22) Tony Edelbrock | 3D CONSTRUCTION SURVEYING OFFICE TO FIELD PART 2 Justin Kraus | OPPORTUNITIES FOR GROWTH Bryan Balcome, Geoff Bitner Steve Jobe, Colin Lee, Miles Strain |
| 4:30 PM ADJOURN | | | |
| 5:30 PM DINNER IN MINNESOTA I & II | | | |



2023 SURVEY TECHNICAL WORKSHOP SCHEDULE

THURSDAY, MARCH 30, 2023

| 6:45 AM BREAKFAST IN MARINA DINING ROOM | | | |
|---|--|--|---|
| | WHITEBIRCH I | WHITEBIRCH II | LAKESIDE RM. |
| 8:00 AM | ACCURACY & PRECISION TOPICS Tim Kerr | ETHICS BECAUSE IT'S FUN! Heidi Henry & Joshua Root | THE PATH TO LAND SURVEYING LICENSURE IN MN Dan Baar |
| 9:00 AM | WHAT ARE CULTURAL RESOURCES AND WHY DO THEY MATTER? Tim Tumberg | SURVEYING SAFETY Keith Juliar | FIELD-TO-FINISH CODING EXAMPLES Ladd Nelson |
| WHITEBIRCH I & II | | | |
| 10:00 AM | FORENSIC USE OF 3D DIAGRAMMING Michael Katzovitz & Steve Swenson | | |
| 11:30 AM ADJOURN | | | |



SOFTWARE & EQUIPMENT DEMONSTRATION