

## STEVE D. KNAPP, P.E., CFEI, CVFI

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### PUBLICATIONS

1. Steve D. Knapp, Henry V. Mowry and David C. Neidig. "A Forensic Engineering Approach to Documenting and Analyzing Plumbing Failures." Journal of the National Academy of Forensic Engineers. (In Print).
2. Richard M. Ziernicki, Martin E. Gordon, Steve D. Knapp, and Angelos G. Leiloglou. "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part I." Journal of the National Academy of Forensic Engineers. (In Print).
3. Richard M. Ziernicki, Martin E. Gordon, Steve D. Knapp, and Angelos G. Leiloglou. "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part II." Journal of the National Academy of Forensic Engineers. (In Print).
4. Ben T. Railsback, Ricky L. Nguyen, Steve D. Knapp, and Richard M. Ziernicki. "Forensic Engineering Analysis of Unintended Movement of Powered Industrial Trucks." Journal of the National Academy of Forensic Engineers. (June 2018).
5. Steve D. Knapp, Richard M. Ziernicki, and Ben T. Railsback. "Forensic Engineering Analysis of a Motorsports Racing Incident." Journal of the National Academy of Forensic Engineers. Vol. 34, No. 2, December 2017.
6. Richard M. Ziernicki, Ben T. Railsback, Steve D. Knapp, William H. Pierce and Ricky L. Nguyen. "Stand-Up Forklift Egress Times as a Function of Operator Compartment Guarding." 2014 ASME International Mechanical Engineering Congress and Exposition IMECE2014-38847. Nov. 19, 2014
7. Steve D. Knapp. "Using New Technology in Photo Documentation & Presentation Techniques." SAE Paper # 12CV-0144. (September 2012).

### TECHNICAL CONFERENCES AND SEMINARS

1. "A Forensic Engineering Approach to Documenting and Analyzing Plumbing Failures." Speaker. National Academy of Forensic Engineers Annual Meeting (NAFE). San Diego, CA. 11 Jan. 2020.
2. "Ground Breaking Technology to Analyze Video of Tony Stewart Accident." Speaker. Inner Circle of Investigators, Inc., 2019 Platinum Anniversary Educational Conference. Denver, CO. 25 Oct. 2019.
3. "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part I." Speaker. National Academy of Forensic Engineers Annual Meeting (NAFE). Denver, CO. 27 Jul. 2019.
4. "The Application of Matchmoving for Forensic Video Analysis of a Fatal Sprint Car Accident. Part II." Speaker. National Academy of Forensic Engineers Annual Meeting (NAFE). Denver, CO. 27 Jul. 2019.
5. "Hail Damage Analysis." Speaker. Rocky Mountain Special Investigation Unit (RMASIU). Lone Tree, CO. 3 Apr. 2019.
6. "Sprint Car Race, Tony Stewart Impacts Kevin Ward, Jr." Speaker. Accident Reconstruction Seminar. Knott Laboratory, LLC. Centennial, CO. 25 Sep. 2018.
7. "Low Speed Accident Investigation." Speaker. Accident Reconstruction Seminar. Knott Laboratory, LLC. Centennial, CO. 25 Sep. 2018.
8. "Ins & Outs of Plumbing Losses." Speaker. Knott Laboratory, LLC. Centennial, CO. 13 Apr. 2018.
9. "Ins & Outs of Plumbing Losses." Speaker. Knott Laboratory, LLC. Centennial, CO. 23 Feb. 2018.
10. "Plumbing Training for SIU." Speaker. Rocky Mountain Special Investigation Unit (RMASIU). Lone Tree, CO. 7 Nov. 2018.
11. "Ins & Outs of Plumbing Losses." Speaker. National Association of Subrogation Professionals (NASP) 2017 Annual Conference. Austin, TX. 6 Nov. 2017.
12. "Motorcycle Accident Reconstruction." Speaker. CSAA Insurance Group. Colorado Springs, CO. 24 Aug. 2017.
13. "Forensic Engineering Analysis of a Motorsports Racing Incident." Speaker. National Academy of Forensic Engineers Annual Meeting (NAFE). Atlanta, GA. 22 Jul. 2017.
14. 2017 Project Manager of the Year Award. National Society of Professional Engineers-Colorado (NSPE-CO). 15 Jun. 2017.
15. "Product Liability." Speaker. Rocky Mountain Special Investigation Unit. Centennial, CO. 15 Nov. 2016.
16. "Self-Driving Cars." Speaker. Colorado Claims Association. Englewood, CO. 7 Oct. 2016.
17. "Plumbing System Installation." Speaker. Liberty Mutual. Centennial, CO. 23 Aug. 2016.
18. "Crash Data Retrieval Update." Crash Data Specialists. Colorado State Patrol. Golden, CO. 13-14 Apr. 2015.
19. "A Forensic Approach to Auto Fires." Speaker. American Family Insurance. Denver, CO. 20 Nov. 2014.
20. "Forensic Visualization of Your Loss." Technical Conference. Speaker. February 2013
21. "Photography & Proper Use of Manual Settings." IAAI Oregon Chapter. November 2012

22. "Advanced Photography Skills." IAAI Oregon Chapter. November 2012
23. "Photography: Getting to Know Your Camera." Technical Conference. September 2012
24. "Using New Technology in Photo Documentation & Presentation Techniques. SAE PAPER #12CV-0144. September 2012
25. "Photography and Evidence Preservation." Technical Conference. July 2012
26. "New Photography Techniques/High Dynamic Range Photography." IAAI National Conference. May 2012
27. "Photogrammetry and How It Is Used Today." Denver Claims Association. March 2012
28. "Photogrammetry and How It Is Used Today." RMASIU. February 2012
29. "Crash and Burn." Technical Conference and Crash Testing held at IAA. September 2010
30. Auto Industries "Black Box" Event Data Recorders NASP Conference. November 2007
31. A Crash Course on "Black Box" Event Data Recorders. March 2007
32. Auto Industries "Black Box" Event Data Recorders Insurance Claims Seminar. May 2006
33. "Vehicle Accident Reconstruction." SIU Regional Meeting. Nashville, TN. Mar. 1 2006
34. "Vehicle Accident Reconstruction." Insurance Claims Seminar. Presenter. Knott Laboratory Inc. Centennial, CO. May 2004

## **MEDIA APPEARANCES**

1. Alternator Fires. Fox 31 News Interview. 5 Feb. 2017.