

The Eye and The Auto
Thursday, June 14, 2001
7:45am-5:00pm

OPERATOR FACTORS: driver visual assessment, licensing, vision impairment (among other subjects)

<u>The Normal Eye/Operator</u>		<u>FACULTY</u>	<u>STATUS</u>
7:45am	Welcome: Keith Cooley, Trevor Creed (Sr VP Product Design, DaimlerChrysler) Moderator: Philip C Hessburg MD		CONFIRMED
1. 8:00-8:30am*	Vision and Driver Competency: Implications for Driver Licensing Standards	Raymond Peck, Sacramento CA <i>California DMV (ret.)</i>	CONFIRMED
1. 8:30-9:00am	The Information that Drivers Use: Is it Indeed 90% Visual?	Michael Sivak PhD, Ann Arbor MI <i>University of Michigan Transportation Research Institute (UMTRI)</i>	CONFIRMED
1. 9:00-9:30am	Effects of Visual Blur on Tests Used to Assess Drivers	Linda Hunt, St Louis MO <i>Maryville University Occupational Therapy Program</i>	CONFIRMED
1. 9:30-10:00am	Break		
1. 10:00-10:30am	Moderator: David Miller MD Driver Competence and the Useful Field of View	Karlene Ball PhD, Birmingham AL <i>University of Alabama at Birmingham</i>	CONFIRMED
1. 10:30-11:00am	Toward a Better Understanding of the Influence of Visual Impairment on Driving Performance	Gary Trick PhD, Detroit MI <i>Henry Ford Health System, Eye Care Services</i>	CONFIRMED
1. 11:00-11:30am	Vision Impairment and Driving Performance	Joanne Wood PhD, Brisbane Australia <i>Queensland University of Technology</i>	CONFIRMED
1. 11:30am-12:00pm	Discussion		
1. 12:00-1:00pm	Lunch		
<u>The Abnormal Eye/Operator</u>			
1. 1:00-1:30pm	Moderator: George Williams MD Keynote: Aging and Visual Changes; Implications for Driving	Cynthia Owsley PhD, Birmingham AL <i>University of Alabama at Birmingham, Department of Ophthalmology</i>	CONFIRMED
1. 1:30-2:00pm	"Looking but not seeing? Observed older driver behavior in a simulator?"	Kurt Johansson MD, PhD, Sweden <i>Karolinska Institute, Traffic Medicine Center</i>	CONFIRMED
1. 2:00-2:30pm	The Impact of Cataract Surgery on Driving and Vision Performance	Joanne Wood PhD, Brisbane Australia <i>Queensland University of Technology</i>	CONFIRMED
1. 2:30-3:00pm	Break		
1. 3:00-3:30pm	Moderator: Mark Juzych MD Eye, Brain, and Performance in At-Risk Older Drivers	Matthew Rizzo MD, Iowa City IA <i>University of Iowa, Department of Neurology</i>	CONFIRMED
1. 3:30-4:00pm	Can Visual Attention Training Reduce Risk of Driving Misadventure?	Alex Chaparro PhD, Wichita KS <i>Wichita State University</i>	CONFIRMED
1. 4:00-4:30pm	Driving with Biotopic Telescopic Lens Systems	Charles Huss, Institute WV <i>WV Division of Rehabilitation Services</i>	CONFIRMED
1. 4:30-5:00pm	Discussion		
5:00pm	Five-minute Wrap-up		

***20' presentations followed by a 10' discussion. Formatted for 17 Periods (12 Speakers, 2 Discussion Periods, 3 Breaks).**

The Eye and The Auto**Friday, June 15, 2001****8:00am-5:00pm****VEHICLE FACTORS: blind spot elimination, crash avoidance, glare (among other subjects)**

<u>Automobile Design, Engineering and Technology</u>		<u>FACULTY</u>	<u>STATUS</u>
1.	8:00-8:30am* <i>Moderator: Gary Trick PhD</i> Driver Vision Considerations and Analysis Techniques	Vivek Bhise PhD, Dearborn MI <i>Ford Motor Company</i>	CONFIRMED
1.	8:30-9:00am Communication Interface, Vision and the Older Driver	Richard Young PhD, Warren MI <i>General Motors Corporation</i>	CONFIRMED
1.	9:00-9:30am Display and Instrument Visibility in Dynamic Ambient Lighting Environments	Lou Silverstein PhD, Scottsdale AZ <i>VCD Sciences Inc</i>	CONFIRMED
1.	9:30-10:00am Break		
1.	10:00-10:30am <i>Moderator: Anne Nachazel MD</i> Glare and the Older Driver	Gary Rubin PhD, London UK <i>Institute of Ophthalmology</i>	CONFIRMED
1.	10:30-11:00am As Different as Night and Day: The Effects of Ambient Light on Driver Vision and Traffic Safety	Michael Flannagan PhD, Ann Arbor MI <i>University of Michigan Transportation Research Institute (UMTRI)</i>	CONFIRMED
1.	11:00-11:30am Computer Generated Virtual Environments in Automotive Industry	Gosia Kulczycka PhD, Detroit MI <i>General Motors Corporation</i>	CONFIRMED
1.	11:30am-12:00pm Discussion		
1.	12:00-1:00pm Lunch		
<u>Crash Avoidance</u>			
1.	1:00-1:30pm <i>Moderator: Cynthia Owsley PhD</i> Keynote: The "Prescription" Car	Jeffrey Pike, Dearborn MI <i>Ford Motor Company</i>	CONFIRMED
1.	1:30- 2:00pm Human Factors and Accident Analysis: There is More to Seeing Than Visibility	Alison Smiley PhD, Toronto Canada <i>Human Factors North Inc.</i>	CONFIRMED
1.	2:00-2:30pm Advances in Automotive Vision Systems	Niall Lynam PhD, Holland MI <i>Donnelly Corporation</i>	CONFIRMED
1.	2:30-3:00pm Break		
1.	3:00-3:30pm <i>Moderator: Robert Arends MD</i> Multi Sensor Obstacle Detection and Tracking	Gary Strumolo PhD, Dearborn MI <i>Ford Motor Company</i>	CONFIRMED
1.	3:30-4:00pm A Perception Lab Approach to Testing Video Cameras for Automotive Use	Tom Meitzler PhD, Warren MI <i>US Army TACOM/NAC</i>	CONFIRMED
1.	4:00-4:30pm Active Night Vision Systems: What You See is What You Get	Steve Buckley, Auburn Hills MI <i>DaimlerChrysler Liberty & Technical Affairs</i>	CONFIRMED
17.	4:30-5:00pm 5:00pm Discussion Five-minute Wrap-up		

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The Eye and The Auto
Saturday, June 16, 2001
8:00am-3:30pm

ENVIRONMENTAL FACTORS: safer highways, road signs, socio-economics of driving (among other subjects)

<u>Vision on the Road</u>		<u>FACULTY</u>	<u>STATUS</u>
1.	8:00-8:30am* <i>Moderator: David Miller MD</i> Highway Sign Visibility	Susan Chrysler PhD, St Paul MN <i>3M Corporation</i>	CONFIRMED
2.	8:30-9:00am Delineation of Highway Hazards with Light Guides	Stephen Graves, Nashville TN <i>Bridgestone Industrial Products America</i>	CONFIRMED
3.	9:00-9:30am Thermal Imaging Night Vision System	Nancy Martinelli, Detroit MI <i>General Motors Corporation</i>	CONFIRMED
4.	9:30-10:00am Break		
5.	10:00-10:30am <i>Moderator: Philip C Hessburg MD</i> Driving with Limited Visibility	Alfred Owens PhD, Lancaster PA <i>Franklin & Marshall College</i>	CONFIRMED
6.	10:30-11:00am Driving with Low Vision	Eli Peli MSc, OD, Boston MA <i>Schepens Eye Research Institute, Harvard Medical School</i>	CONFIRMED
7.	11:00-11:30am Something to Reflect on... AR Coating and Night Driving	Rick Piper, Boston MA <i>Crizal by Essilor</i>	CONFIRMED
8.	11:30am-12:00pm Discussion		
9.	12:00-1:00pm Lunch		
<u>Economic and Societal Effects</u>			
10.	1:00-1:30pm <i>Moderator: John Roarty MD</i> Keynote: Michigan Secretary of State Update	Elaine Charney JD, Lansing MI <i>Bureau of Driver Safety</i>	CONFIRMED
11.	1:30-2:00pm Social and Economic Consequences of Licensure Restriction	Robin Barr PhD, Bethesda MD <i>National Institute on Aging</i>	CONFIRMED
12.	2:00-2:30pm Operator License Importance to the Older Driver	Jane Hardin, Washington DC <i>AARP</i>	CONFIRMED
13.	2:30-3:00pm Discussion		
14.	3:00-3:30pm 3:30pm Final Conclusions Five-minute Wrap-up	Keith Cooley, Philip C Hessburg MD	

***20' presentations followed by a 10' discussion.**

Formatted for 14 Periods (8 Speakers, 4 Discussion Periods, 2 Breaks)