

Society of Motion Picture and Television Engineers

Detroit Section Meeting Notice

February 2005

DATE: **Tuesday, February 8, 2005**

TIME: **7:30 PM**

LOCATION: **Roscor Michigan, Inc.**
27280 Haggerty Rd., Suite C-2
Farmington Hills, Michigan
(248) 489-0090
[Map](#)

SUBJECT: **CAMERA OPTICS**

SPEAKER: **Robert A. Zeichner**
Sales Manager, Roscor Michigan
and noted Exhibiting Photographer

As High Definition video acquisition increases, the "glass" becomes a more important consideration than ever. In this month's program, Bob Zeichner will share some of his considerable expertise on camera optics. Those who have seen Bob's presentation for other groups will agree it is entertaining as well as informative.

Covered first will be basics of lens construction, inherent flaws, the challenges optical designers face, and different types of glass and lens coatings. Part Two deals with lens function, depth of field, angle of coverage, f-stops, t-stops, determining focal length and other performance-related attributes. Part Three deals with some of the subtleties of lens performance, limitations of prism optic television cameras and describes some of the special purpose optics available for film and video use. Finally, Bob will discuss some of the special requirements of optics for HD.

Bob Zeichner has served the film and television industry for over 30 years. First working as a filmmaker for WPSX-TV, then a repair technician at Victor Duncan, he later migrated into sales. Bob has been with Roscor for the last 15 years, a member of SMPTE for the last 10 years and currently a Manager for the Detroit Section. A member of the Art Photography League with a BFA from Pratt Institute, Bob is an internationally respected fine art photographer whose articles and work have been published in ViewCamera and Photo

Techniques and a number of on-line e-zines. His work can also be seen in shows at local photo galleries.

MANAGERS' DINNER will be at 5:30 PM at [Ruby Tuesday](#), 39581 Twelve Mile Road (just west of Haggerty), Novi. (248) 348-7635 (Note: This is a new Ruby Tuesday location - the former Cooker restaurant. It is not the location near Orchard Lake Road where we have met before.)

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Guests and Non-Members are Welcome