

The Optical Society of Southern California invites its members and friends to our

Annual Corporate Member Appreciation Event

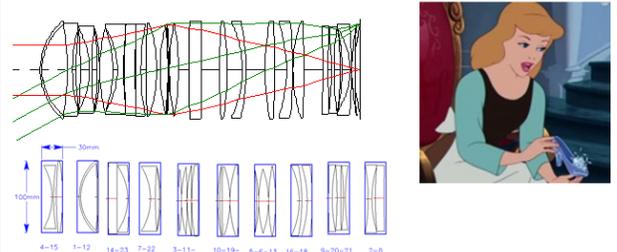
Featuring a presentation on:

“IODC Lens Design Competitions from the last 25 years”

Richard C. Juergens, Cimarron Optical Consulting, Inc.

Abstract: The International Optical Design Conference (IODC) is held more or less every four years and traditionally conducts a lens design competition. A design problem is concocted and the entrants, many of whom are the most prominent designers in the world, have about six months to work on it. The results are presented at a special conference session and the winner is announced. The problems are deliberately designed to be impractical - no one in their right mind would claim the intellectual property rights to their design, yet this lens design challenge requires out-of-the-box thinking, often times involving an “a-ha moment” of inspiration from the lens design angels. This talk will discuss the various problems since 1990 and show examples of some of the more interesting and outrageous design entries and winners, including what optical tidbits and principles we can take from them. The talk is non-technical and should be entertaining for lens designers and non-lens designers, alike.

The “Cinderella” Lens

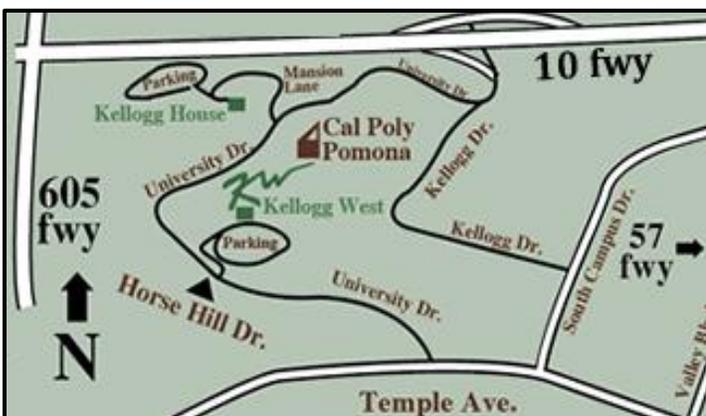


All lens elements must be cut from
≤ 10 blanks of size shown (fit into the shoe)



About our speaker: Rick Juergens has over 45 years of experience as an optical designer and engineer. He has worked for large aerospace companies (Ford Aerospace, Hughes Aircraft, and Raytheon) as well as small companies (FLIR Systems, Inc. and Optical Research Associates). Since 2002, he has chaired the Lens Design Problem for every IODC. Mr. Juergens is a Fellow of SPIE, and received SPIE’s A. E. Conrady award for optical engineering in 2015. He is also a member of OSA, and is a corporate member and past president (1980-1981) of the OSSC.

OSSC Corporate Members are invited to sign up for exhibit space!



Directions:

Enter campus from Temple Avenue, turning right on University. Once on campus, turn right at sign for Kellogg West, and go up the hill. Parking is free in the Kellogg West lot.

Wednesday, December 14th, 2016

Reception: 6:00; Dinner: 7:00; Talk: 8:00

Meal: Buffet Style

Dinners: \$35 for registration by Dec. 8,
\$40 after

(OSSC Student Members \$10 by Dec. 8,
\$20 after)

[Kellogg West Conference Center](#)

Cal Poly Pomona Campus

3801 Temple, Pomona, CA 91768

909-869-2222

On-line Registration: www.osscc.org or

Contact: Bo Wang

Events@osscc.org, 714-420-8234