Guidelines for "ICO'04 Tokyo" Technical Digest manuscript preparation

1. Introduction

These Guidelines are intended to assist you in preparing your manuscript. Please refer to the back of this sheet. Manuscripts should be typewritten and submitted in English.

2. Manuscript Paper and Length

Manuscripts should be submitted on A4 paper (210 mm x 297 mm), or letter size paper (215.9 mm x 279.4 mm) and should be 2 pages in length.

3. Layout

The margins should be 24mm from the top and bottom, and 22mm on the left and right. A 57mm x 44mm blank space should be left in the upper-left corner of the first page (please refer to the back of this sheet). Manuscripts should include title, author, affiliation, and the 35-word abstract in the first page. The text should be written in two columns with a minimum gutter between the columns of 8mm.

4. Font Size

All text should be clear and legible. We recommend a font size of 10-point or larger. Care should be taken that all the characters in the equations, tables, and figures are large enough for printing.

5. Figures, Photos, and Tables

Figures, photos, and tables should be in black-and-white. Captions should be placed under the figures and photos, and above the tables.

6. Paper Submission

The paper must be submitted online. Please confirm the submission procedure on the ICO'04 Home Page.

7. Inquiries

Please contact : ICO'04 Tokyo Secretariat c/o ICS Convention Design, Inc. 3-24 Kanda-Nishikicho, Chiyoda-ku, Tokyo 101-8449, JAPAN E-mail for general inquiry: ico-odf04@ics-inc.co.jp

• Deadline for Submission of Abstract and Manuscripts; February 13, 2004

	44 mm				24 mm
57 mm	Design of a ultra-wide-angle zoom lens				le-angle zoom lens
	V		Ichiro Ko	gaku ¹ , Ha	anako Seimitsu ²
	¹ Faculty of Sci	ience, Japan	Optics U	niversity,	² Institute of Consumer Optics,OPTIC Co.
22 mm	Recently type		tra-wide	e-angle	led for cameras. We designed a new zoom lens.
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	ra-wide-angle	zoom	lens	is 	Table.1 Third Order Aberration Coefficients I II III P V improved
					conventional
2. Bas The	sic Theory e Theory	of zo	ooming	is	$\phi = \sum_{i=1}^{m} \phi_{i}' + \sum_{j=1}^{l} \phi_{j}''$
					5. Conclusions
					References 1) I.Kogaku and H.Seimitsu: Opt.Rev.1 (1994)
					205. 2) K.Hikari: Appl.Opt.6 (1967) 1523.
					▲ 24 mm