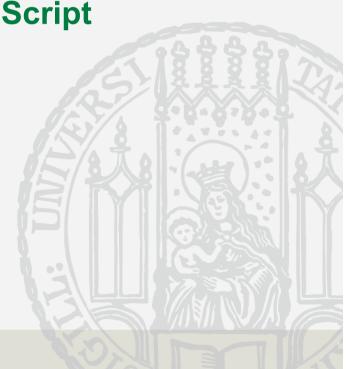


LFE Medieninformatik • Daniel Bertram Abschlussvortrag Projektarbeit

Formatierung von wissenschaftlichen Publikationen mit CSS und JavaScript

Betreuer: Raphael Wimmer

Datum: 02.06.2009







## Gliederung

- Aufgabenstellung
- Motivation
- Technologien
- Anforderungen
- Umsetzung mit CSS
- Umsetzung mit JavaScript





## Aufgabenstellung

- Wissenschaftliche Publikationen
- Formatierung mit HTML, CSS und JavaScript
- Verschiedene Ausgabemedien
- Druckausgabe entsprechend den offiziellen Layoutvorgaben





### **Motivation**

- Verbreitete Standards, leicht zugänglich
- Trennung von Inhalt und Darstellung
- Verschiedenen Ausgabemedien möglich
- Barrierefrei
- Maschinelle Datenverarbeitung möglich





## **Technologien**

- HTML
- CSS
- JavaScript

Daniel Bertram - 02.06.2009

Folie 5





## Anforderungen

- Verschiedene Ausgabemedien
- Mehrspaltiges Layout
- Automatisches Literaturverzeichnis
- Automatische Nummerierung
- Automatische Elementunterschriften



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### Formatierung von wissenschaftlichen **Publikationen mit CSS und JavaScript**



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In this paper we describe the formatting requirements for SIGCIE Conference Proceedings, and offer recommendations on writing for the worldwide SIGCHI readening. Fleare review this document even if you have submitted to SSGCHE conferences before, for some format details have changed relative to previous years. These include the formatting of table captions, the formatting of selection, and a requirement to include ACM DE indexing

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### **ACW Classification Keywords**

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### INTRODUCTION

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### Global Illumination for Fun and Profit

Roy G. Biv, Ed Grimley, Member, IEEE, and Martha Stewart

Abstract—Duis autem vel aum inure dolor in hendrent in vulputate velit esse molestie consequat, vel illum dolore au faugiat nulla facilisis at vero eros et accumsan et iusto odio dignissim qui blandit praesent luptatum zzril delenit augue duis dolore te faugait nulla facilisi. Lorem ipsum dolor sit amet, consectetuer adipiscing elit, sed diam nonummy nibh euismod tincidunt ut lacreet dolore magna aliquam erat volutoat.

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Index Terms-Radiosity, global illumination, constant time.

### 1 INTRODUCTION

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Daniel Bertram - 02.06.2009 Folie 7





## **Umsetzung mit CSS**

- Verschiedene Ausgabemedien
- Elementausrichtung
- Textformatierung
- Seitenränder





## **Umsetzung mit JavaScript**

- Mehrspaltiges Layout
- Automatisches Literaturverzeichnis
- Automatische Nummerierung
- Automatische Elementunterschriften



LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

### Formatierung von wissenschaftlichen **Publikationen mit CSS und JavaScript**



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Fig. 1. Sample illustration

Table 1 Vis Paper Acceptance Bate

Year	Submitted	Accepted	Accepted (%)
1994	91	41	45.1
1995	102	41	40.2
1996	101	43	42.6
1997	117	44	37.6
1998	118	50	42.4
1999	129	47	36.4
2000	151	52	34,4
2001	152	51	33.6
2002	172	58	33.7
2003	192	63	32.8
2004	167	46	27.6
2005	268	88	32.8
2006	228	63	27.6

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### ACKNOWLEDGEMENTS

The authors wish to thank A, B, C. This work was supported in part by a grant from XYZ.



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Daniel Bertram - 02.06.2009 Folie 10

<sup>\*</sup>Footpotes appear at the hottom of the column

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## Schlussfolgerung

- Ungenaue Formatierungsangaben
- Unterschiedliches Browserverhalten
- Eingeschränkter Browsersupport von CSS3
- Viel JavaScript nötig
- Beispiel SigChi:
- 33 Zeilen Css, 178 Zeilen HTML, 1145 Zeilen Javascript



LUDWIG-MAXIMILIANS-UNIVERSITÄT MÜNCHEN

# Formatierung von wissenschaftlichen Publikationen mit CSS und JavaScript



• Danke für ihre Aufmerksamkeit.

Daniel Bertram - 02.06.2009 Folie 12