The **mathphysletter** class

Arno L. Trautmann*

March 28, 2009

Abstract

With this class, members of the mathphys-FS of Heidelberg can write letters in the corporate design of the university. The handling tries to be very easy and intuitive.

1 Page layout

First, we define some keys for the layout – so we need `xkeyval`. `scrlttr2` is used to produce the letters. Loading of packages and passing of options:

```
 1 \RequirePackage{xkeyval}
 2
 3 \LoadClass[]{scrlttr2}
 4 \usepackage[ngerman]{babel}
 5
 6 \RequirePackage{
 7 xltxtra,
 8 graphicx,
 9 scrpage2,
10 marginnote,
11 xcolor
12 }
13
14 \usepackage[top=4cm,headheight=2.5cm]{geometry}
```

---

*arno.trautmann@gmx.de

```latex
15
16 \newcommand\mathphysaddr{\small
17 Fachschaft MathPhys\\
18 Im Neuenheimer Feld\\
19 305\\
20 69120 Heidelberg\\ \\
21 Tel.:\\
22 +49(0)\,62\,21/54\,24\,56\\
23 Fax.:\\
24 +49(0)\,62\,21/54\,24\,57\\ \\
25 E-Mail:\\
26 fachschaft@mathphys.\\fsk.uni-heidelberg.de\vspace{5em}\\
27 Datum\\
28 \today
29 \\ \\
30 Ansprechperson \\
31 Martina?\\ \\
32 E-Mail\\
33 a.b@c.de
34 }
35
36 \ohead{\includegraphics[width=5.5cm]{unilogo}\hspace*{4mm}}
37 \setheadwidth[0pt]{text}
38 \setfootwidth{head}
39
40 \date{}
41
42 \setkomavar{backaddress}{Universität Heidelberg Fachschaftskonferenz Albert-Ueber
43 Heidelberg}
44
45 \let\oldpar\par
46 \def\par{\parshape 1 0cm 12cm \oldpar}
47
48 \def\endoffirstpage{
49   \let\par\oldpar\clearpage
50   \ofoot{\color[rgb]{0.63137 0.090196 0.18431}\linethickness{.4mm}\line(0,-1){2}\
51 }
52
53 \pagestyle{scrheadings}
54 \cfoot{}
```

```
55
56 \newcommand\Empfänger[1]{\def\Empf##1{#1}}
57 \newcommand\Anrede[1]{\def\Anre##1{#1}}
58 \newcommand\Ansprechperson[1]{\def\Ansprech##1{#1}}
59
60 %\newcommand\ZweiteSeite{\endoffirstpage}
61
62 \AtBeginDocument{
63 \begin{letter}{\Empf}
64 \opening{Hallo}
65 \thispagestyle{scrheadings}
66 \marginnote{\put(-80,0){\begin{minipage}[b]{5cm}\vspace*{-7cm}\mathphysaddr\end
67 \ofoot{}
68 }
69
70 \AtEndDocument{
71 \end{letter}
72 }
```