Introductory

4 Barbara Beeton / Editorial comments
   • typography and TUGboat news

5 Sarah Lang and Astrid Schmölzer / Noob to Ninja: The challenge of taking beginners’ needs into account when teaching \LaTeX
   • problems, solutions, and a manifesto to help all new users

3 Boris Veytsman / From the president
   • thoughts on changes, fast and slow

Intermediate

89 Karl Berry / The treasure chest
   • new CTAN packages, October 2018–April 2019

17 Susan Jolly / Nemeth braille math and \LaTeX source as braille
   • braille examples of math vs. \LaTeX source; software project guide

28 Siep Kroonenberg / New front ends for \TeX Live
   • standalone Tcl/Tk-based GUIs for the TL installer and tlnshell for tlmgr

44 \LaTeX Project Team / \LaTeX news, issue 29, December 2018

10 Carla Maggi / The DuckBoat — News from \TeX.SE: Processing text files to get \LaTeX tables
   • errata, Cinderella topics, using csvsimple to produce tables from data

14 Mike Roberts / No hands — the dictation of \LaTeX
   • mathfly.org add-on to Dragon speech recognition for math

69 Joseph Wright / Real number calculations in \LaTeX: Packages
   • user-level comparison of floating point arithmetic packages, recommending xfp

30 Yihui Xie / Tiny\TeXX: A lightweight, cross-platform, and easy-to-maintain \LaTeX distribution
   • on-the-fly \TeX Live package installation for R users

Intermediate Plus

82 Karl Berry / TUGboat online, reimplemented
   • (re)generation of TUGboat tables of contents and accumulated lists

22 Jim Fowler / Both \TeX and DVI viewers inside the web browser
   • compiling Pascal to WebAssembly to run \v-\TeX in a browser, including \Ti\kZ

34 Hans Hagen / Con\TeX xt LMTX
   • LuaMeta\TeX, a minimized engine for future Con\TeX xt and other experiments

76 Michal Hoftich / \TeX4ht: \LaTeX to Web publishing
   • configuring HTML, XML, ... generation with \TeX4ht and make4ht

25 Vit Novotný / Markdown 2.7.0: Towards lightweight markup in \TeX
   • a Lua command-line interface, doc, and content slicing support for markdown

47 Nicola Talbot / Glossaries with bib2gls
   • indexing infrastructure with glossaries-extra and/or using .bib format

71 Joseph Wright / Real number calculations in \TeX: Implementations and performance
   • precision, accuracy, and performance comparison of existing floating point arithmetic packages

33 Joseph Wright / Extending primitive coverage across engines
   • \texttt{\textbackslash expanded} and other primitives available in pdf\TeX, Xe\TeX, (u)p\TeX

Advanced

61 Enrico Gregorio / \TeX.StackExchange cherry picking, part 2: Templating
   • extended expl3 programming examples: templating and double loops, ISBN, catcode tables, and more

38 Khaled Hosny / Bringing world scripts to Lua\TeX: The HarfBuzz experiment
   • extended discussion of using HarfBuzz to shape text for Lua\TeX output

Reports and notices

2 Institutional members

91 John Atkinson / Comic: Punctuation headlines

85 Boris Veytsman / Book review: Never use Futura by Douglas Thomas
   • review of this wide-ranging book on the history and design of Futura

88 From other \TeX journals: Die \TeXnische Komödie 1/2019; Zpravodaj 2018/1–4

91 \TeX consulting and production services

93 Karl Berry / TUG financial statements for 2018

94 TUG Elections committee / TUG 2019 election

96 Calendar