

**Introductory**

- 157 *Willi Egger* / Bookbinding workshop: Making a portfolio  
 • instructions for constructing an art folio, with diagrams
- 145 *Michał Gasewicz* / Off topic (completely): Many faces (and types) of beer
- 126 *Hans Hagen* / Children of T<sub>E</sub>X  
 • premises, predilections, predictions for T<sub>E</sub>X, with reference to many books
- 116 *Janusz Nowacki* / Calligraphy by Barbara Galińska  
 • a few words about and samples of the work by this superlative artist
- 118 *Maciej Rychły* / Released sounds  
 • paintings, music, stories
- 165 *K. Sathasivam, S.K. Venkatesan, Y. Chandy* / Revealing semantics using subtle typography and punctuation  
 • punctuation history, redundancies, ambiguities, and resolutions
- 141 *Luigi Scarso* / MF<sub>L</sub>ua 0.8 — Prologue  
 • philosophical reflections on society and the T<sub>E</sub>X software family
- 125 *Boris Veytsman* / The state of T<sub>E</sub>X  
 • address at the conference of the incoming TUG President

**Intermediate**

- 185 *Takuto Asakura* / Implementing bioinformatics algorithms in T<sub>E</sub>X — the Gotoh package, a case study  
 • a sequence alignment algorithm in primitive T<sub>E</sub>X, optionally with `texshade`
- 263 *Karl Berry* / Production notes  
 • the rather helter-skelter *TUGboat* production process
- 284 *Karl Berry* / The treasure chest  
 • new CTAN packages, March–July 2017
- 274 *Charles Bigelow* / Review and summaries: *The History of Typographic Writing — The 20th century*, Volume 2 (ch. 1–5)  
 • second of three installments; chapter-by-chapter summaries for vol. 2 (1950–2000), ch. 1–5
- 255 *Marcin Borkowski* / Ten years of work in *Wiadomości Matematyczne* — an adventure with L<sup>A</sup>T<sub>E</sub>X and Emacs hacking  
 • L<sup>A</sup>T<sub>E</sub>X and Emacs policies, workflow, and macros for the journal *Wiadomości Matematyczne*
- 193 *Siep Kroonenberg* / T<sub>L</sub>aunch, the T<sub>E</sub>X Live Launcher for Windows  
 • T<sub>E</sub>X Live configuration (editors, viewers, ...) in a multi-user Windows installation
- 212 *L<sup>A</sup>T<sub>E</sub>X Project Team* / L<sup>A</sup>T<sub>E</sub>X news, issue 27, April 2017  
 • ISO 8601 date format; TU encoding improvements; Hyphenation; Default language; Line spacing in parboxes
- 202 *Jerzy Ludwichowski* / GUST e-foundry current font projects  
 • brief overview of current GUST OpenType projects, mostly math-related
- 214 *Vít Novotný* / Using Markdown inside T<sub>E</sub>X documents  
 • generic support for Markdown input inside T<sub>E</sub>X, via Lunamark and Lua
- 175 *Petr Sojka, Vít Novotný* / T<sub>E</sub>X in Schools? Just Say Yes: The use of T<sub>E</sub>X at the Faculty of Informatics, Masaryk Univ.  
 • historical and current use at a large university in the Czech Republic
- 249 *Lolita Tolén* / T<sub>E</sub>X user habits versus publisher requirements  
 • study of programs and packages used in practice, and XML translation issues
- 171 *Boris Veytsman and Leila Akhmadeeva* / To justify or not to justify? Why bad typography may be harmful  
 • experimental results of slower reading of `\sloppy` text than `\raggedright`
- 173 *Boris Veytsman* / Making `ltxsparklines`: The journey of a CTAN contributor into the world of CRAN  
 • an R package to support Tufte sparklines (word-sized graphics) in L<sup>A</sup>T<sub>E</sub>X

**Intermediate Plus**

- 159 *Barbara Beeton* / Debugging L<sup>A</sup>T<sub>E</sub>X files — Illegitimi non carborundum  
 • editing, tracing, diagnosing, testing, puzzling
- 203 *Hans Hagen* / Variable fonts  
 • supporting variable fonts in LuaT<sub>E</sub>X and ConT<sub>E</sub>Xt
- 245 *Jean-Michel Huppen* / MIB<sub>B</sub>T<sub>E</sub>X now handles Unicode  
 • per-bib file specification of encodings, and supporting Unicode
- 208 *Bogusław Jackowski, Piotr Strzelczyk, Piotr Pianowski* / Parametric math symbol fonts  
 • assembling OpenType math fonts from a text font and existing math symbols, with LuaT<sub>E</sub>X
- 238 *Dávid Lupták* / Typesetting bibliographies compliant with the ISO 690 standard in L<sup>A</sup>T<sub>E</sub>X  
 • the `biblatex-iso690` package and comparison with existing approaches
- 213 *Frank Mittelbach* / L<sup>A</sup>T<sub>E</sub>X table columns with fixed widths  
 • a convenient interface for fixed-width columns in L<sup>A</sup>T<sub>E</sub>X tables
- 188 *Norbert Preining* / `updmap` and `fmtutil` — past and future changes (or: cleaning up the mess)  
 • new usage, with new per-tree configuration and persisting across reinstallations

**Advanced**

- 147 *Jean-Michel Huppen* / History of accidentals in music  
 • usage and typesetting of sharps, flats, etc., from ancient to modern music
- 218 *Grzegorz Murzynowski* / GMS, the “General Meta-Scenarios”: A proper extension to the `l3expan` package of the `expl3` bundle and language, two years later  
 • a method for avoiding any redundant and verbose code
- 197 *S. Tolušis, A. Povilaitis, V. Kriaučiukas* / Xdvipsk: Dvips ready for OpenType fonts and more image formats  
 • extending Dvips to support more bitmap formats and OpenType fonts, in a LuaT<sub>E</sub>X workflow

## Reports and notices

- 110 TUG 2017 conference information
- 114 *Jean-Michel Hufflen* / TUG@BachTeX 2017
- 264 Streszczenia
  - all abstracts, in Polish
- 270 TUG@BachTeX 2017 abstracts (de Souza, Egger, Hagen, Hoekwater, Izaola, Kwiatkowska, Ludwiczowski, Miklavc, Mittelbach, Reutenauer, Scherwentke, Thiriet, Tomaszewski, Twardoch, Vieth)
- 273 From other TeX journals: *Die TeXnische Komödie* 2/2017
- 280 *Boris Veytsman* / *What Is Reading For?* and *Some Reflections on Reading and Writing, Culture and Nature, & Sorting Things Out* by Robert Bringhurst
  - review of these two thought-provoking works by Bringhurst
- 282 *David Walden* / *Paper: Paging Through History*, by Mark Kurlansky
  - review of this book on the intertwined history of writing, printing, and paper
- 285 *John Atkinson* / Word on the street
- 286 Calendar
- 287 TeX consulting and production services
- 288 Institutional members