

TUG 2023 — Bonn, Germany — July 14–16, 2023

The forty-fourth annual conference of the T_EX Users Group

<https://tug.org/2023> ■ tug2023@tug.org

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Ulrike Fischer, co-principal organizer

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Thanks to all!



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GUTenberg



T_EXFolio

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TUG 2023 program

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|------------------|---|---|
| Thursday, | 14:00 <i>PDF Developers' Workshop</i> | |
| July 13 | 15:00 <i>Excursion — Guided walking tour of downtown Bonn</i> | |
| | 19:00 <i>Reception & registration at Hotel Leoninum</i> | |
| <hr/> | | |
| Friday, | 08:00 <i>registration</i> | |
| July 14 | 08:30 Boris Veytsman, TEX Users Group | Welcome |
| | 08:45 Ulrike & Gert Fischer, Carla Maggi, Paulo Cereda, samcarter | <i>Behind the scenes of the Great TikZlings Christmas Extravaganza</i> |
| | 09:15 Oliver Kopp, JabRef e.V. | <i>JabRef as $\text{BIB}\text{T}\text{E}\text{X}$-based literature management software</i> |
| | 09:45 Jan Šustek | <i>On generating documented source code by blocks in TEX</i> |
| | 10:15 Barbara Beeton, TUGboat | <i>What every $\text{L}\text{A}\text{T}\text{E}\text{X}$ newbie should know</i> |
| | 10:45 <i>break & registration</i> | |
| | 11:15 Martin Ruckert, Munich University of Applied Sciences | <i>News from the HINT project</i> |
| | 11:45 Dennis Müller, FAU Erlangen-Nürnberg | <i>An HTML/CSS schema for TEX whatsits</i> |
| | 12:15 Patrick Gundlach, speedata GmbH | <i>News from boxes and glue: How do the TEX algorithms help in developing a new typesetting engine?</i> |
| | 12:45 <i>lunch</i> | |
| | 14:00 Joseph Wright, samcarter | <i>Beamer news</i> |
| | 14:15 samcarter | <i>The <code>tcolorbox</code> inner beamer theme</i> |
| | 14:30 Boris Veytsman, Chan Zuckerberg Initiative, George Mason Univ., TUG | <i>The update of the <code>nostarch</code> class</i> |
| | 15:00 Ben Davies, Overleaf | <i>Bumpy road towards a good $\text{L}\text{A}\text{T}\text{E}\text{X}$ visual editor</i> |
| | 15:30 Didier Verna, EPITA Research Lab | <i>Interactive and real-time typesetting for demonstration and experimentation</i> |
| | 16:00 <i>break</i> | |
| | 16:30 Eberhard W. Lisse, Omadhina Internet Services Ltd | <i>Introduction to Typst</i> |
| | 17:00 Jakub Máca, Petr Sojka, Ondřej Sojka | <i>Universal syllabic pattern generation</i> |

TUG 2023 program (continued)

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| Saturday, July 15 | 08:30 | Henning Hraban Ramm | <i>Architectural guides for Bonn — book production with ConTeXt</i> |
| | 09:00 | Thomas Schmitz, Bonn University | <i>Producing different forms of output from XML via ConTeXt</i> |
| | 09:30 | Vít Novotný | <i>Markdown 3: What's new, what's next?</i> |
| | 10:00 | Rishi T, Apu V, Hàn Thế Thành, Jan Vaněk, STM Document Engineering | <i>Primo — The new sustainable solution for publishing</i> |
| | 10:30 | <i>break</i> | |
| | 11:00 | Ross Moore, Macquarie University | <i>Tagged PDF, derived HTML and aspects of accessibility</i> |
| | 11:30 | Ulrike Fischer, L ^A T _E X Project | <i>Automated tagging of L^AT_EX documents — what is possible today?</i> |
| | 12:00 | Joseph Wright, L ^A T _E X Project | <i>Supporting backends in expl3</i> |
| | 12:30 | Frank Mittelbach, L ^A T _E X Project | <i>The L^AT_EX Companion, 3rd edition — Anecdotes and lessons learned</i> |
| | 13:00 | <i>lunch</i> | |
| | 14:00 | Jim Hefferon, St Michael's College | <i>Using Asymptote like MetaPost</i> |
| | 14:30 | Linus Romer | <i>Curvature combs and harmonized paths in MetaPost</i> |
| | 15:00 | Rajeesh KV | <i>Metafont, MetaPost and a complex-script typeface</i> |
| | 15:30 | Victor Sannier, GUTenberg Association | <i>A METAFONT for rustic capitals</i> |
| 16:00 | <i>break</i> | | |
| 16:30 | Ulrik Vieth | <i>An updated survey of OpenType math fonts</i> | |
| 17:15 | Mikael Sundqvist, Lund University | <i>Extending OpenType math, making choices</i> | |
| 17:45 | Tom Hejda, Overleaf | <i>T_EX Live and Overleaf revisited</i> | |
| Sunday, July 16 | 08:30 | Island of T _E X | <i>Living in containers — on T_EX Live in a docker setting</i> |
| | 09:00 | Joseph Wright | <i>Further adventures in Unicode-land: Refining case changing</i> |
| | 09:30 | Oliver Kopp | <i>The L^AT_EX template generator: How micro-templates reduce template maintenance effort</i> |
| | 10:00 | Island of T _E X | <i>The Island of T_EX 2023 — sailing the smooth seas of ideas</i> |
| | 10:30 | <i>break</i> | |
| | 11:00 | Frank Mittelbach | <i>38 years with L^AT_EX — A personal picture story</i> |
| | 12:00 | Boris Veytsman | <i>Closing</i> |
| ≈ 12:15 pm | <i>end/lunch</i> | | |



Conference photo courtesy Alan Wetmore.