**TUG 2021 conference report**

Arthur Rosendahl and Jennifer Claudio

As with TUG 2020, TUG 2021 was conducted entirely online, due to the continuing global pandemic. The conference spanned a total of four days, of which one had three workshops and the remainder of the days provided the presentation of talks on a 24-hour rotating schedule. This year, there were over 400 attendees from eighteen timezones (approximate map of attendee locations on p. 216). Speakers ranged in age from at least one high school student to long-time users of TeX in industry.

Like last year, the presentations were scheduled during reasonable waking hours for the speakers, wherever in the world they were, and we tried to group them into consistent sessions. A majority of the talks were given by speakers based in Europe, about a third in the Americas, and a few were in the Asia-Pacific region. This presented some challenges, which we tackled the best we could.

Reflecting the growing interest and activity in accessibility, two sessions were dedicated entirely to producing tagged PDF and mathematical documents for the visually impaired. One particularly interesting entry featured testimonies by blind speakers, one of them a long-term LaTeX user. Some of the talks showed a lively interest in TeX from developers not primarily focussed on it.

XML was the topic of two half-sessions (originally a single one that suffered from some time zone changes). Here again, we were treated to a healthy and enjoyable mix of talks by speakers from both within and outside our community, who all used TeX-based processes for typesetting XML documents, sometimes as part of a larger workflow.

Workflows of different kinds and scopes were featured in a number of talks, with applications ranging from version control integration, via automated production of student assignments, to large-scale document processing for scientific publishing.

We had several talks about multilingual typesetting, unsurprisingly given the international make-up, and two talks about bibliographies.

A TeX conference wouldn't be complete without some talks about fonts, and although there were somewhat fewer of them this year, they were not missing: there was one talk about variable fonts, a second about applications to air travel, and a workshop about making a logo.

To help encourage the function of the conference as a means of idea exchange, the communication and media platforms of Zulip and Topia were offered.

Videos of individual talks will be posted on the TUG YouTube channel when they are available: `youtube.com/c/texusersgroup`.

⋄ Arthur Rosendahl and Jennifer Claudio
https://tug.org/tug2021