ATypI 2016 with GUST participating

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Abstract

A note concerning the planned GUST participation at ATypI'16, the annual *Association Typographique Internationale* conference in Warsaw, Poland.

GUST at ATypI'16

October 2016 in Warsaw will see ATypI'16, the annual conference of *Association Typographique Internationale*, with the theme of *Convergence* (`atypi.org`). GUST has been invited to participate, thanks to Andrzej Tomaszewski and Adam Twardoch, both well known to BachoTEX participants.

The details of our participation are still in the making at this writing, with a deadline of March 31. The presentations will be rehearsed at BachoTEX 2016 (`gust.org.pl/bachotex`).

The following are planned:

- A workshop or rather demonstration of automation with TEX, using presentation and testing of fonts as an example. This should give the participants an idea of the possibilities for using TEX for similar tasks, e.g., dictionaries, catalogs, mass production like invoices, multimedia publications (print, PDF, HTML, EPUB, et al.).

- Another workshop or demonstration: *A lesson in math font anatomy*, i.e., math fonts in general and detail, based on a particular font, its anatomy, constituent alphabets and additional information within the MATH table.

- At the *Technology forum*, which should have a larger audience, a communique by Bogusław Jackowski on math fonts, and ways of automating their production, with a short mention of MetaType1: block schema and an overview of the guiding principles.

- Also planned for the *Technology forum*, a presentation by Piotr Strzelczyk on the merits and demerits of Unicode in connection with typography.

- At the *General session*, a two-voiced presentation *Slurs, Braces, Radicals — Obstacle or Challenge* with *1. Obstacle* by Bogusław Jackowski and *2. Challenge* by Marek Ryćko. This is about a "philosophy of typography", a proposal of a new typesetting paradigm, in the making by both gentlemen since some time. BachoTEX regulars should know what to expect. We hope the presentations to be both eye- and mind-opening.

- Also at the *General session*, a short promotional presentation on TEX, GUST, the e-foundry and its math fonts, most likely presented by myself.

- GUST will also be present at the *Fonts for Science* exhibition, with math fonts posters.

There is an undercurrent of activity directed toward some other members of the TEX math fonts community to coerce them into participating, but nothing more is settled yet.

A little bit of history

This will be the second ATypI conference in Warsaw. The first, in 1975, is notable for two events.

Peter Karow and Hermann Zapf for the first time publicly presented the idea of outline fonts.

The other was due to Marek Decowski and Ryszard Dulewicz from the Polish Academy of Sciences, who described and presented software for a scanner for texts typed with Frutiger's OCR-B. The scanner was used in a semi-automated process at DSP, a printing house in Warsaw. Poland, after the US and UK, became the third country producing OCR scanners.

There is a connected story involving Adrian Frutiger and Roman Tomaszewski, Andrzej Tomaszewski's father, a renowned Polish printing master and editor. Roman Tomaszewski was ATypI delegate for Poland and its Board Member in the years 1965–1992. Under his leadership *Ośrodek Pism Drukarskich* (then Poland's central institution for typefaces) produced *Litera*, a magazine for which such prominent figures as, among others, Jan Tschichold, Adrian Frutiger, Hermann Zapf, Max Caflisch or Matthew Carter wrote. They all were Tomaszewski's colleagues and often friends. *Ośrodek Pism Drukarskich* complemented Frutiger's OCR-B with Polish diacritics. The problem was to get the so-augmented IBM Selectric Typewriter printing heads to Poland, past the then-prevailing COCOM import restrictions. Frutiger caused some twenty such heads to be made at the IBM factory in Paris, and simply put them into the pockets of a Polish Airlines pilot, to be received by Roman Tomaszewski at the Warsaw airport.

At the 1975 Warsaw ATypI conference, Frutiger was given a medal commemorating 500 years of printing in Poland. Only a few participants were aware of the underlying main feat.

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