

# **Better Late Than Never**

**A New Release of the GUST  
e-Foundry Font Collection**

**BOGUSŁAW JACKOWSKI**

**Bachotek, 2026**

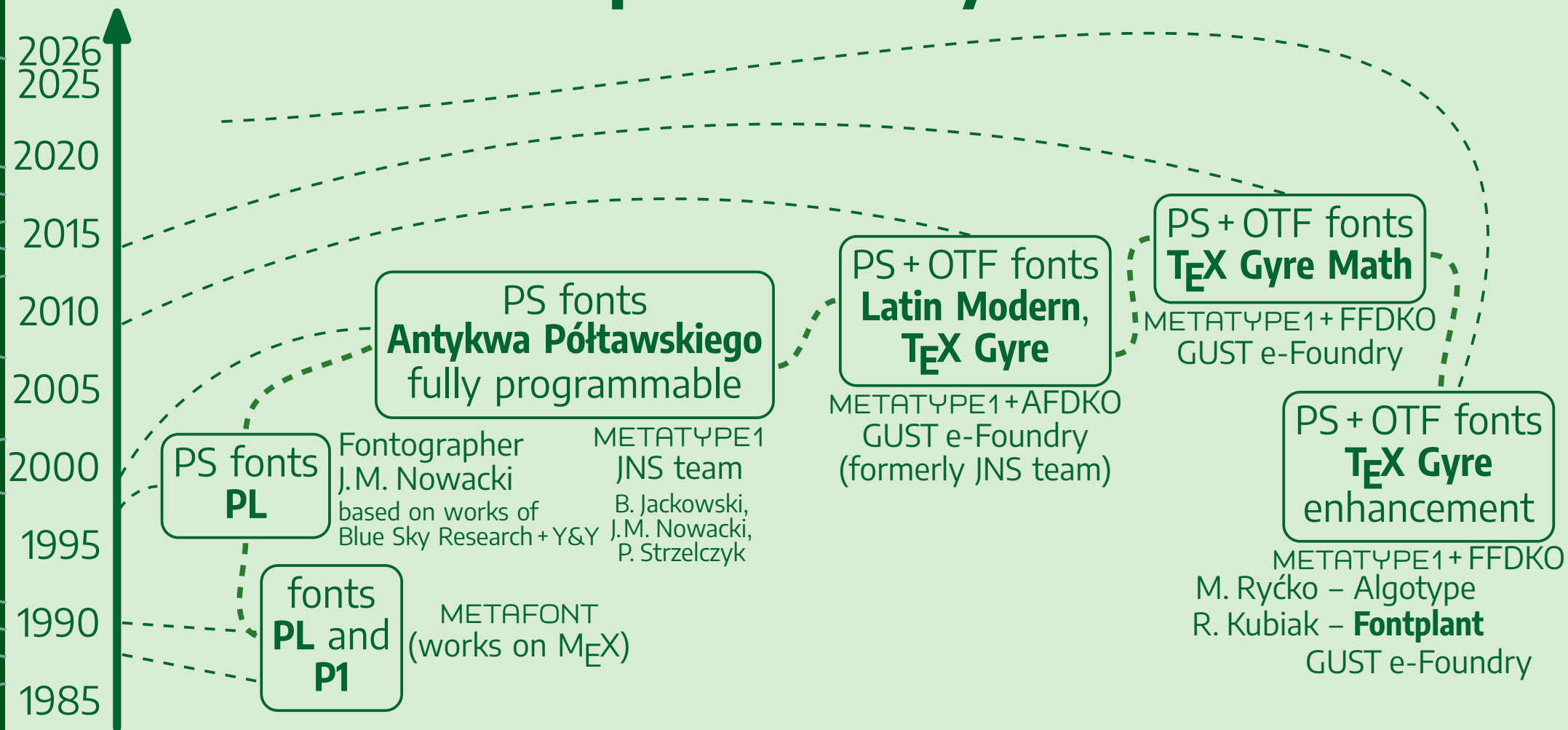
# Once upon a time...

...we promised to release three collections of GUST e-Foundry text fonts, developed over the years since the 1990s – namely: Antykwa Półtawskiego, Latin Modern, and T<sub>E</sub>X Gyre.

# A sip of history

Since we made that promise quite a while ago, a sip of history might come in handy, showing the somewhat bumpy road we have travelled.

# A sip of history



During this stage, we got a bit stuck.

# What we're releasing now

After some transitional difficulties, we brought Fontplant to its intended functionality: all font sources collected over the years were successfully recompiled using the current version of Fontplant. All newly generated fonts are now available for download from the GUST website. These include:

- Antykwa Półtawskiego, version 1.200 (40 variants),
- Latin Modern, version 2.007 (72 variants),
- T<sub>E</sub>X Gyre, version 2.609 (Adventor, Schola, Termes, Pagella, Heros, Heros Condensed, Bonum, Cursor, and Chorus – 33 variants in total).

Each variant is provided as a complete set including an OpenType font file, as well as three PostScript Type 1 files (AFM, PFM, PFB). For the Type 1 format, we also provide the files required for use with T<sub>E</sub>X (TFM, ENC, and MAP).

# When AI goes confidently wrong

One of the difficulties mentioned concerned doubts about the contents of a PFM file. I had at hand the documentation titled: “Building PFM Files for PostScript-Language CJK Fonts. Technical Note #5178”, 10 January 1997.

I asked an AI about this document and received a completely nonsensical answer: “Adobe Technical Note #5178 concerns the end of support for Type 1 (PostScript) fonts, informing users of Adobe applications (such as InDesign and Illustrator) that these older font formats, which do not support modern characters (glyphs), are being phased out in favor of newer formats. This is part of Adobe’s broader effort to deprecate legacy technologies in the Adobe Help Center.”

This is clearly not what Technical Note #5178 is about. Moreover, it is not true that Type 1 fonts are no longer supported in current systems – for example, Windows 11 is still able to install and use Type 1 fonts. This example is not intended as criticism of AI, but rather as a reminder that one should treat AI-generated answers with appropriate caution and always verify them against primary sources.



# What's next

The most important task ahead is to publish, as soon as possible, a GIT repository containing the Fontplant sources, along with the METAPOST sources for the fonts mentioned above. The documentation is currently being finalized. Although no specific refinements are planned at this stage, experience suggests that users may still propose ideas that will be difficult to ignore.

It is worth emphasizing that we are referring here to text fonts. The GUST e-Foundry team has also released six math fonts developed within the GUST math fonts project: TG Bonum, TG Pagella, TG Termes, TG Schola, Latin Modern, and DejaVu. *Despite this, Wikipedia's category "Mathematical OpenType typefaces" does not mention any of the mathematical fonts published by GUST.*

We hope that, with the help of Piotr Strzelczyk – whose conceptual and programming work was instrumental in the development of the GUST math fonts project – we will be able to publish the software used to generate mathematical fonts. Along with that, we also plan to release the sources of the math fonts listed above and to address the few issues that have been reported so far.

# THANK YOU FOR YOUR ATTENTION

## SEE YOU AT BACHOT<sub>E</sub>X 2027

For the visual identity of the conference, we chose a Truchet tiling. It may be especially fitting, at a conference of this kind, to mention Sébastien Truchet from time to time in recognition of his contributions to typography. For further reading, I recommend the article by Jacques André and Denis Girou, “Father Truchet, the typographic point, the Romain du roi, and tilings”, published in TUGboat, vol. 20, no. 1 (1999), pp. 8–14.



**PLEASE COME – AND FEEL FREE TO BRING OTHERS**