Dr. Jürgen Willrodt studied physics and mathematics and got a PhD in theoretical particle physics in 1976. Jürgen joined urw in 1983 as software developer. His first major programming project was the porting of Ikarus from DEC to Sun Unix. He has been the main developer of the Ikarus font production system since 1985, developing interpolation, auto-tracing and hinting algorithms as well as special algorithms for Kanji-separation. Since 1995 Jürgen is managing director at urw++ Design & Development and responsible for font production and the technical development of font tools, including Ikarus, DTL Font-Master and DTL OTMaster.

Peter Rosenfeld started, after finishing his business studies in 1980, his first position in the font production department at Dr. Hell in Kiel. It was there where he first got in touch with digital type. Peter joined urw in Hamburg in 1982 and a little later he became the manager of the urw font studio. He worked very closely with Dr. Peter Karow, the visionary pioneer of the type industry.

Roughly ten years after joining urw, Peter became Managing Director of urw++ Design & Development and the company has estab-
14.30 – 15.10 hrs.  Global font (tools) production  Peter Rosenfeld, urw++, Germany  
In the past decades at urw++ Design & Development numerous Arabic, Indic and CJK fonts have been produced. For this production proprietary specialist tools were developed at urw++. Much of this functionality has found a place in the fonts tools jointly developed by urw++ and dtl. 
Your host at this introduction on the secrets of global fonts and related tools will be Peter Rosenfeld, specialist on global fonts and production-manager of the dtl font tools.

15.15 – 16.00 hrs.  GPOSMaster: sneak preview  Dr. Jürgen Willrodt, urw++, Germany  
A preview of gposMaster, the new tool for mark positioning and for generating and editing spacing and kerning for OpenType and TrueType fonts, which is under construction. 
Your reviewer will be Dr. Jürgen Willrodt, who is the main brain behind the program. 
Stuff discussed and showed will include:  
– Autokerning  
– Vertical Kerning (for Japanese)  
– Kern editor  
– Japanese positional features like pwidth, hwidth, halt, palt, etc.  
– Mark to Base and Mark to Mark (Arabic)  
– Above Mark and Below Mark positioning (Devanagari)

16.00 hrs.  * Coffee Break

16.20 – 17.05 hrs.  Type library programming  Frank E. Blokland, dtl, The Netherlands  
Over the past two decades the Dutch Type Library has become a highly successful foundry producing exclusive and exquisite fonts and specialized software for the font production. In this presentation some of the secrets behind the dtl font program will be revealed by its founder and owner Frank E. Blokland.

17.10 – 18.30 hrs.  Reception  
After many years of preparations, in 1990 the Dutch Type Library was officially founded as the first digital foundry in the Netherlands. dtl’s twentieth anniversary will be celebrated at the ATypI PreFace program, of course!