Abstracts without papers

Run for Fun
Jano Kula
Sports and especially long distance runs are known for the good doses of endorphin. Instead, we will show some adrenaline challenges while preparing such a sport event: 10 km run through the historic center of Prague. Plotters, tables, layers, composition.

ConTEXt: the script
Hans Hagen
The ConTEXt runner `context` has inherited a few features from its predecessor `texexec`. Instead of hardcoding functionality for typesetting listings and manipulating PDF files in the script itself they are now isolated in TEX files. In this presentation I will show some of these lesser known features of the script.

ConTEXt: after the cleanup
Hans Hagen
After the transition from MkII to MkIV a cleanup stage has been started. What is involved in this cleanup and what will happen afterwards. This is more a discussion than a presentation and users are invited to express their wishes and priorities.

Metapost workshop
Mari Voipio
'A pragmatic approach to MetaPost', or, 'How to get useful results out of MetaPost if are not a programmer, are not a mathematician, and are a complete beginner besides.'

A couple of styles
Hans Hagen
When you keep an eye on what modules get added to ConTEXt, you will notice that quite some of them are a mixture of TEX, METAPOST and Lua. I will show a few that might have gone unnoticed. They can often serve as an example for your own local usage.

Lexing
Hans Hagen
As I use SciTE most of the time, there is some mutual influence between coding and visualized in this editor. Especially the possibility to write more advanced lexers has lead to some changes (for the good) in the code base. Here I will show some of that (as it might help those who browse the source).

(visual) debugging
Hans Hagen
Compared to MkII the MkIV code has more tracing on board. At the Lua end we have trackers and recently a start has been made to extend that to the TEX end, where it will replace the `\trace*true` like macros. As part of the cleanup the original visual debugger module has been replaced by an even less intrusive variant. It provides the usual visual clues about what goes on the page. The new mechanism is more advanced that the old one but still assumes some knowledge of what happens inside TEX. In this presentation we will explain some of this.

Japanese Typesetting with LuaTEX
KITAGAWA Hironori
There are some issues for typeset Japanese documents by LuaTEX. Some of them, such as end-of-line rule and the value of a grouped variable 'at the end of a `\hbox`', are (partially) resolved by writing Lua codes. Also we can discuss the specification of LuaTEX on vertical typesetting, referring to that of Japanese pTEX.

Mixed columns
Hans Hagen
One of the last things to redo in MkIV is the page builder. Although bits and pieces have been redone, some major effort is needed to upgrade multi columns mechanisms. We (currently) have three mechanisms: regular columns that can be mixed with single column mode, simple columns that can be used in a boxed way, and columnsets. The first two have been re-

placed by a new mechanism tagged as mixed columns. This mechanism permits instances of multicolumns, either or not in the page flow or in boxes, and the old mechanisms will go. Of course we try to remain compatible as much as possible. In this talk we can discuss some of the issues involved and identify future needs.

Differences in typesetting rules between Czech and Slovak languages (in the context of ConT$_E$Xt)

Tomás Hála

During the existence of Czechoslovakia, Czech and Slovak typesetting rules were defined by one common norm. At present, Slovak rules have mostly been fixed by official documents whereas Czech rules are rather custom based. This contribution deals with comparison of the rules in both languages, especially with the use of hyphen, dashes, lists etc. In addition to that, some ot these items in Czech and Slovak differ considerably from those in other languages. All important items have been compared with facilities in the typesetting system ConT$_E$Xt and it seems that some situations have not been covered in configuration files. Therefore several suggestions for language settings have been made in order to make ConT$_E$Xt more general and comfortable for ordinary users.