TUG 2010 — program and information

Monday June 28

8:00 am	*registration*	
8:55 am	Karl Berry, TEX Users Group	*Welcome*
9:00 am	Ross Moore, Macquarie University	*TEX + MathML for Tagged PDF, the next frontier in mathematical typesetting*
9:35 am	Will Robertson, LATEX3 Project	*Unicode mathematics in LATEX: Advantages and challenges*
10:10 am	Johannes Küster, Typoma	*Math never seen*
10:45 am	*break*	
11:00 am	Steve Grathwohl, Duke U. Press & David Ruddy, Cornell U. Library	*Implementing MathJax in Project Euclid*
11:35 am	William Hammond, SUNY Albany	*LATEX profiles as objects in the "category" of markup languages*
12:15 pm	Boris Veytsman, George Mason U.	*Are virtual fonts obsolete?*
12:50 pm	*lunch*	
2:00 pm	Alan Hoenig, Huntington, NY	*TEX helps you learn Chinese character meanings!*
2:35 pm	William Cheswick, AT&T	*Ebooks: New challenges for beautiful typesetting*
3:10 pm	Hans Hagen, Pragma ADE	*Just in time: Things we can do only with LuaTEX*
3:45 pm	*break*	
4:00 pm	Hans Hagen	*Building paragraphs with the help of Lua*
4:35 pm	Idris Hamid, Colorado State U.	*Oriental TEX: Culturally authentic typesetting of the Qur'an*
5:10 pm	q&a	

Tuesday June 29

9:00 am	Michael Doob, U. of Manitoba	*A web-based TEX previewer: Ecstasy and agony*
9:35 am	Jonathan Kew, Mozilla Corp.	*TEXworks for newcomers — and what's new for old hands*
10:10 am	Kaveh Bazargan, River Valley Tech.	*Batch Commander: An interactive style writer for TEX*
10:45 am	*break*	
11:00 am	Boris Veytsman & Leyla Akhmadeeva, Bashkir State Medical University	*TEX in the GLAMP world: On-demand creation of documents online*
11:35 am	Pavneet Arora, Bolton, Canada	*Using LATEX to generate dynamic mathematics worksheets for the web*
12:15 pm	Stephen Hicks, Google Inc.	*Improving margin paragraphs and float control*
12:50 pm	*lunch*	
2:00 pm	Herbert Voss, DANTE e.V.	*From PostScript to PDF*
2:35 pm	Jim Hefferon, Saint Michael's College	*Characterizing CTAN packages*
3:10 pm	Didier Verna, EPITA / LRDE	*Classes, styles, conflicts: The biological realm of LATEX*
3:45 pm	*break*	
4:00 pm	Walter Gander, ETH	*Writing the first LATEX book*
4:35 pm	Chris Rowley, LATEX3 Project	*A brief history of LATEX — with a prediction*
5:10 pm	q&a; TUG meeting	

Wednesday June 30

9:00 am	Uwe Ziegenhagen, Cologne, Germany	*Dynamic reporting with R/Sweave and LATEX*
9:35 am	John Bowman, U. of Alberta	*Interactive TEX-aware 3D vector graphics*
10:10 am	Mathieu Bourgeois and Roger Villemaire, U. Québec à Montréal	*Introduction to drawing structured diagrams in SDDL*
10:45 am	*break*	
11:00 am	Jean-luc Doumont, Principiae	*Quantum space: Designing pages on grids*
11:35 am	Robert Rundell, Seattle, WA	*Using the Knuth-Plass algorithm to help control widow and orphan lines*
12:15 am	Bart Childs, College Station, TX	*Thirty years of literate programming and more?*
12:50 pm	*lunch*	
1:45 pm	*group photo*	
2:00 pm	John Hobby, Stanford TEX Project	*Is boxes.mp the right way to draw diagrams?*
2:35 pm	Hans Hagen and Taco Hoekwater	*How TEX and Meta finally got married*
3:10 pm	Frank Mittelbach, LATEX3 Project	*Exhuming coffins from the last century*
3:45 pm	*break*	
4:00 pm	Dave Walden, moderator	*panel:* Don Knuth & Stanford TEX Project members
5:30 pm	Don Knuth, Stanford TEX Project	*A Special Announcement!*
≈ 6:00 pm	*end*	
7:30 pm	banquet	at *Le Colonial* (`lecolonialSF.com`)