

# NTG's Advanced T<sub>E</sub>X course

## Insights & Hintsights

David Salomon

Groningen, 15–19th June, 1992

This advanced course, with no hands-on, is aimed at those T<sub>E</sub>X and/or L<sup>A</sup>T<sub>E</sub>X users who are ready for a deeper insight into the T<sub>E</sub>Xnigma. An extra one-day introductory course can be organized for inexperienced users, if there is enough demand.

### Course outline

- **Day 1:**  
Introduction to T<sub>E</sub>X. The cm fonts. Tables (examples). Math typesetting (some advanced features). Modes of T<sub>E</sub>X.
- **Day 2:**  
Boxes & glue. Paragraphs & Horizontal mode.
- **Day 3:**  
Macros (advanced features & examples). Leaders. Tokens & \toks registers.
- **Day 4:**  
File I/O in T<sub>E</sub>X. Examples of two-pass jobs. Output routines.
- **Day 5:**  
Insertions. The line break algorithm (in detail). The page break algorithm (in general).  
The last afternoon will be spent answering specific questions, and discussing specific topics proposed by the participants.

*Each day is a separate module, so it is possible to benefit from selected parts of the course.*<sup>1</sup>

### Whom? When? Where? How much?

- **For whom?**  
T<sub>E</sub>X or L<sup>A</sup>T<sub>E</sub>X users with some hands-on experience will benefit most.
- **When?**  
June, 15–19th, 1992, 9.00–12.00 & 14.00–17.00hr.
- **Where?**  
RUG Paddepoel, Groningen, The Netherlands, Zernike Gebouw, room ZG114 and ZG107.<sup>2</sup>
- **How much?**

For NTG members and members of similar user groups a flat Fl 100,- (Yes, only a hundred, but no lunches and refreshments are included; the University 'Mensa' is quite cheap and restaurants close by). For non-NTG members Fl 500,-.<sup>3</sup>

The teacher is David Salomon, an experienced TUG instructor, well known for his lucid tutorials in TUGboat.

### How to subscribe?

#### Via snail

Send a note, mentioning 'Insights in T<sub>E</sub>X'-course along with name, complete address, phone number and email, to:

Kees van der Laan,  
Hunzeweg 57,  
9893 PB, Garnwerd,  
The Netherlands  
(+31 5941-1525)

Mentioning of topics to be treated in the last afternoon is very much appreciated.

#### Via email

Send a subscription note, mentioning 'Insights in T<sub>E</sub>X'-course along with name, complete address, phone number (and email), to:

cgl@rug.nl.

#### Payment

As soon as possible to:

Penningmeester NTG,  
Giro: 1306238  
mentioning 'Insights in T<sub>E</sub>X' course.

<sup>1</sup> At the same flat fee for members, however. For others—why not become a member?—Fl 100,- for each day, with at minimum Fl 250,-.

<sup>2</sup> For lodging contact VVV, Naberpassage 3, 9712 JV, Groningen, The Netherlands. Phone: +31 50 139700, Fax: +31 50 136358.

<sup>3</sup> For those who don't believe in a quality course at that fee — courseware included —, it should be mentioned that NTG subsidizes the project, so it is a unique opportunity. NTG's philosophy is that T<sub>E</sub>X education is paramount for people interested in high-quality typesetted documents.

## Some Good Reasons

for subscribing to  
**Insights & Hintsights**

### You are a L<sup>A</sup>T<sub>E</sub>X user, and

- attracted by the magic
- like to work more effectively
- like to learn more about T<sub>E</sub>X
- need to write (small) macros
- like to learn from your friends

### You are a L<sup>A</sup>T<sub>E</sub>X macro writer, and

- like to understand the basics
- like to write some real jewels
- like to write in T<sub>E</sub>X

### You are a T<sub>E</sub>X user, and

- like more of it
- like to drop your questions
- like to publish in TUGboat

### You are a (T<sub>E</sub>X) hacker:

- watch the teacher
- improve the notes
- be the next teacher

### You are a novice?

Come along and meet the people  
Groningen is a nice place, anyway  
T<sub>E</sub>Xies are good company, join them  
And everybody likes to get the most out of it!

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Moreover, it is a unique opportunity.  
NTG won't organize such a course in the near future.  
David's notes will appear in the MAPS; a continuing story.