

ICCHP Summer University 2016

Schedule : Friday, July 8 to Tuesday, July 12

Summer University will start on July 8 at 4.30pm, allowing participants to travel on Friday and to meet together on Friday night.

The 4 other days the programme will start at 8.30 in the morning and end at 5.30pm, including breaks and lunch, with exception on Monday where the laboratory session will bring us a bit later (to 6pm++).

Content of the sessions

The program will include plenary sessions (lectures) and hands-on workshops in smaller groups.

Workshop topics

- Access to chemistry laboratory
- Using Markdown
- Reading Mainstream Math (MS Office, Web, E-Books)
- Understanding and Writing Latex
- Chatty Infty
- Word and MathType
- How to Read Tactile Graphics
- Reading Audio-Tactile Graphics
- Non-Tactual Access to Excel Charts and other Applications
- Writing and compiling Latex using TeXnic Center
- Advanced LaTeX
- Statistics with the application R
- Algebraic Solutions with Maple
- Computing with MatLab / Octave / Sage => maybe say Calculus software for now?
- Creating graphics with R and other Accessible Applications

Special workshops will be dedicated to professionals :

- Typical mathematical problems in university studies
- Overview of Providing Lab Access
- Authoring Math for the Web
- Converting Math with InftyReader
- Conversion and Design of Graphics to Tactile Format
- Conversion of Graphics to Audio-Tactile Format
- Access to Maths for Low Vision Students
- Conversion of Documents to Format for Low Vision Students

Plenaries

- Effectiveness and Efficiency of Blind Students at University: Lessons from Experience
- Problem of Reading and Writing Math
- Personal perspective of a blind person with reading and writing math
- Case Study of Math Accessibility
- Problems with Accessing Graphics
- Personal perspective of a blind person with accessing graphics
- Converting Graphics to Accessible Format

- Personal perspective of a person from a support center
- Statistical Software for Blind Students

Friday afternoon program

- Welcome and introduction to the SU programme
- Introduction of participants
- Installation of software
- Party