

ICCHP Summer University 2016 – programme

Schedule scheme of Saturday and Sunday

8:30 – 9:00	Morning plenary session
9:00 – 9:15	Mini break
9:15 – 10:30	Morning workshops 1 (two for students, one for professionals)
10:30 – 11:00	Coffee break
11:00 – 12:15	Morning Workshops 2 (two for students, morning ws. 1 swapped)
12:15 – 13:45	Lunch
13:45 – 14:15	Afternoon plenary session
14:15 – 14:30	Mini break
14:30 – 15:45	Afternoon workshops 1 (two for students, one for professionals)
15:45 – 16:15	Coffee break
16:15 – 17:30	Afternoon workshops 2 (two for students, afternoon ws. 1 swapped)

Schedule scheme of Monday and Tuesday

8:30 – 9:00	Morning plenary session
9:00 – 9:15	Mini break
9:15 – 10:30	Morning workshops 1 (two for students, one for professionals)
10:30 – 11:00	Coffee break
11:00 – 12:15	Morning Workshops 2 (two for students, morning ws. 1 swapped)
12:15 – 13:45	Lunch
13:45 – 15:00	Afternoon workshops 1 (two for students, one for professionals)
15:00 – 15:30	Coffee break
15:30 – 16:45	Afternoon workshops 2 (two for students, afternoon ws. 1 swapped)
17:00 – cca 18:30	Lab session (Monday) / Wrap-up session (Tuesday)

Topics of the days

Track for Students

- Saturday morning: **Stimulation**
- Saturday afternoon: **Mainstream Tools**
- Sunday morning: **Archimedes – Case Study**
- Sunday afternoon: **Graphics – part 1**
- Monday morning: **Graphics – part 2**
- Monday afternoon: **LaTeX**
- Tuesday morning: **Statistics/Computing – part 1**
- Tuesday afternoon: **Statistics/Computing – part 2**

Track for Professionals/Teachers

- Saturday morning: **Stimulation**
- Saturday afternoon: **Lab Access**
- Sunday morning: **Archimedes – Case Study**
- Sunday afternoon: **Converting Math**
- Monday morning: **Graphics – part 1**
- Monday afternoon: **Graphics – part 2**
- Tuesday morning: **Low Vision Students and Math – part 1**
- Tuesday afternoon: **Low Vision Students and Math – part 2**

Friday 8th July

arrivals; opening session starts at **16:30** in **Sommerhaus Hotel**

- Welcome address (by Klaus Miesenberger)
- Introduction to organization of the Summer University
- Opening lecture – Problems of Reading and Writing Math (by Dominique Archambault)
- Introduction of workshop leaders and their workshops
- Introduction of participants
- Software installation check (for workshop leaders)
- Welcome party (sandwiches, wine and beer)

Saturday 9th July

8:30 – 9:00

Saturday Morning Plenary

Effectiveness and Efficiency of Blind Students at University: Lessons from Experience (by Jonathan Godfrey)

9:15 – 10:30

Saturday Morning Workshops for Students 1 (Stimulation)

Laboratory Access (by Cary Supalo)
Using Markdown (by Jonathan Godfrey)

9:15 – 10:30

Saturday Morning Workshop for Professionals (Stimulation)

Typical Mathematical Problems in University Studies (by Lukas Masilko, Jiri Pecl)

11:00 – 12:15

Saturday Morning Workshops for Students 2 (Stimulation)

the same two workshops as #1 – groups swapped; professionals are welcome

13:45 – 14:15

Saturday Afternoon Plenary

Personal Perspective of a Blind Person on Accessing and Presenting Math (by Voica Gavrilit)

14:30 – 15:45

Saturday Afternoon Workshops for Students 1 (Mainstream Tools)

Reading Mainstream Math (MS Office, Web, E-Books) (by Bernhard Stöger)
Understanding and Writing LaTeX (by Thorsten Schwarz)

14:30 – 15:45

Saturday Afternoon Workshop for Professionals

Overview of Providing Lab Access (by Cary Supalo)

16:15 – 17:30

Saturday Afternoon Workshops for Students 2 (Mainstream Tools)

the same two workshops as #1 – groups swapped; professionals are welcome

Sunday 10th July

8:30 – 9:00

Sunday Morning Plenary

Archimedes History – a Case Study of Math Accessibility (by Masakazu Suzuki)

9:15 – 10:30

Sunday Morning Workshops for Students 1 (Archimedes – Case Study)

Solving Archimedes with ChattyInfty (by Katsuhito Yamaguchi)

Solving Archimedes in Word+MathType (by John Gardner)

9:15 – 10:30

Sunday Morning Workshop for Professionals (Archimedes – Case Study)

Archimedes – Authoring and Converting Math for the Web (by Svatoslav Ondra)

11:00 – 12:15

Sunday Morning Workshops for Students 2 (Archimedes – Case Study)

the same two workshops as #1 – groups swapped; professionals are welcome

13:45 – 14:15

Sunday Afternoon Plenary

Problems with Accessing Graphics (by Lukas Masilko, Petr Cervenka)

Preface to MathMusic – topic of minilab today (by Tomer Behor)

14:30 – 15:45

Sunday Afternoon Workshops for Students 1 (Graphics – part 1)

How to Read Tactile Graphics – Part 1 (by Gerhard Jaworek)

Reading Audio-Tactile Graphics (by John Gardner)

14:30 – 15:45

Sunday Afternoon Workshop for Professionals (Converting Math)

Converting Math with InftyReader – Masakazu and Katsuhito

16:15 – 17:30

Sunday Afternoon Workshops for Students 2 (Graphics – part 1)

the same two workshops as #1 – groups swapped; professionals are welcome

16:00 – 18:30

Sunday Afternoon Minilab (with the last workshop in parallel)

MathMusic: A Novel Platform for Teaching Graphs to Visually Impaired Pupils Using Sensory Substitution (by Tomer Behor)

Monday 11th July

8:30 – 9:00

Monday Morning Plenary

Converting Graphics to Accessible Format (by Thorsten Schwarz)

9:15 – 10:30

Monday Morning Workshops for Students 1 (Graphics – part 2)

Non-Tactual Access to Excel Charts and other Applications (by Akashdeep Bansal and Siddhartha Gupta)

How to Read Tactile Graphics – Part 2 (by Lukas Masilko, Petr Cervenka)

9:15 – 10:30

Monday Morning Workshops for Professionals (Graphics – part 1)

Conversion and Design of Graphics to Tactile Format (by Thorsten Schwarz)

11:00 – 12:15

Monday Morning Workshops for Students 2 (Graphics – part 2)

the same two workshops as #1 – groups swapped; professionals are welcome

13:45 – 15:00

Monday Afternoon Workshops for Students 1 (LaTeX)

Writing and Compiling LaTeX Using TeXnic Center (by Gerhard Jaworek)

Writing and compiling Math with LaTeX (by Thorsten Schwarz)

13:45 – 15:00

Monday Afternoon Workshop for Professionals (Graphics – part 2)

Conversion of Graphics to Audio-Tactile Format (by John Gardner)

15:30 – 16:45

Monday Afternoon Workshops for Students 2 (LaTeX)

the same two workshops as #1 – groups swapped; professionals are welcome

17:00 – 18:30

Monday Afternoon – Summer University Lab

Introduction of Lab Presenters

List of Lab activities:

- Access to Astronomy for the Blind (by Gerhard Jaworek)
- Access to Chemical Molecular Diagrams (by Volker Sorge)
- Programming with Arduino (by Tim in 't Veld)

Tuesday 12th July

8:30 – 9:00

Tuesday morning Plenary

Statistical Software for Blind Students (by Jonathan Godfrey)

9:15 – 10:30

Tuesday Morning Workshops for Students 1 (Statistics/Computing – part 1)

Statistics with the Application R (by Jonathan Godfrey)

Algebraic Solutions with Maxima (by Bernhard Stöger)

9:15 – 10:30

Tuesday Morning Workshop for Professionals (Low Vision Students and Math)

Access to Math for Low Vision Students (by Lukas Masilko, Jiri Pecl)

11:00 – 12:15

Tuesday Morning Workshops for Students 2 (Statistics/Computing – part 1)

the same two workshops as #1 – groups swapped; professionals are welcome

13:45 – 15:00

Tuesday Afternoon Workshops for Students 1 (Statistics/Computing – part 2)

Computing with Octave (by Bernhard Stöger)

Creating Graphics with R and Other Accessible Applications (by Jonathan Godfrey)

13:45 – 15:00

Tuesday Afternoon Workshops for Professionals (Low Vision Students and Maths)

Conversion of Documents to Format for Low Vision Students (by Thorsten Schwarz)

15:30 – 16:45

Tuesday Afternoon Workshops for Students 2 (Statistics/Computing – part 2)

the same two workshops as #1 – groups swapped; professionals are welcome

17:00 – 18:30 as the latest

Tuesday Afternoon Wrap-up Session