

Closing remarks

Hermann Schmickler





A bit of history

- Last course 10 years ago (Dourdan (FR))
- Next course hopefully in 5 years
- Visit and choice of hotel in July 2017
- Program committee meeting at CERN in May 2017
 - decision: 13 days, 50% courses, 50% hands-on
 - 3h discussion session, 2 seminars
 - list of speakers and subjects
 - PROCEEDINGS
- 8 iterations of program
- About 1500 kg of material prepared and tested at RHUL, DESY, GSI and CERN
- Total of 98 students from 28 countries

Photo of Helsinki from July 2017



First poster proposal
(central part)

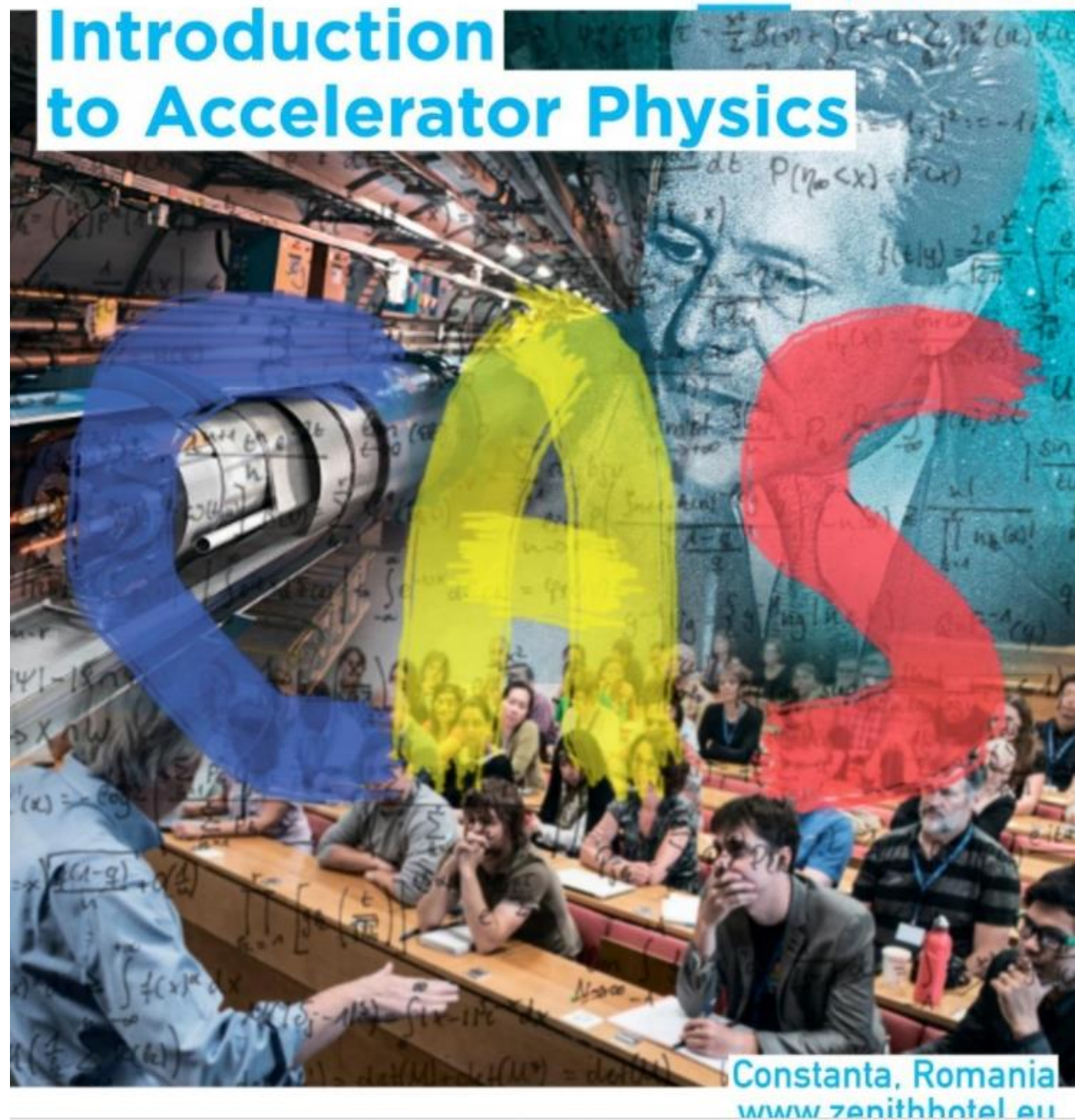


Feedback Discussion I

- Comments to the program
- Balance of topics
- Balance between accelerator types
- Hands-ON Courses

16-29 September 2018

And then:
September 2019



And then:
November 2019

Numerical Methods for Analysis, Design and Modelling of Particle accelerators

Thessaloniki (Greece)
11-23 November 2018
Hotel Nikopolis

Our website: <http://cas.web.cern.ch/>



Welcome to the CERN Accelerator School!



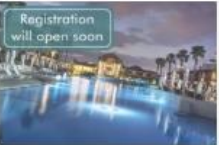



The CERN Accelerator School holds training courses on accelerator physics and associated technologies for physicists, engineers, technicians and students. The courses take place in different member states of CERN and consist of a programme of lectures and tutorials spread over a period of one to two weeks. Participants are welcome from member states of CERN and other countries world-wide.

RIGHT NOW

[Beam Instrumentation](#) ongoing until 25 June 2018 in Tuusula, Finland

Author: Anastasiya

Upcoming schools

<p>CAS@ESI: Basics of Accelerator Physics and Technology 25-29 June 2018 Archamps, France</p> <p>Registration is closed</p> 	<p>Introduction to Accelerator Physics 16-29 September 2018 Constanta, Romania</p> <p>Registration closes on 18.06</p> 	<p>Numerical Methods for Analysis, Design and Modelling of Particle Accelerators 11-23 November 2018 Thessaloniki, Greece</p> <p>Registration will open soon</p> 	<p>High Gradient Wakefield Accelerator 11-22 March 2019 Sesimbra, Portugal</p> <p>Registration will open soon</p> 
<p>Advanced Accelerator Physics 5-19 June 2019 Slangerup, Denmark</p> <p>Registration will open soon</p> 	<p>Introduction to Accelerator Physics 8-21 September 2019 Vysoké Tatry, Slovakia</p> <p>Registration will open soon</p> 		

Feedback II

- How did you know about this course?
- What we do:
 - Design, print and distribute 500 posters
 - Our webpage
 - Facebook, twitter...
 - Soon: email to all registered IPAC attendees
- What else can we do?

Feedback

VACUUM FOR PARTICLE ACCELERATORS

6-16 June, 2017

Glumslov, Sweden

YOUR IMPRESSIONS OF THE PROGRAMME

Please mark each lecture with a number 1 to 5 in each of the three columns labelled "Level, Content and Presentation". The meaning of the numbers is as shown below. Please return this sheet to Barbara Strasser or Roger Bailey as soon as possible when completed. Your answers are confidential.

LEVEL	CONTENT	PRESENTATION
1 – Much too low	1 – Completely uninteresting	1 – Very poor
2 – Low	2 – Uninteresting	2 – Poor
3 – Just right	3 – Of some interest	3 – Fair
4 – Too high	4 – Interesting	4 – Good
5 – Much too high	5 – Very interesting	5 – Very good

- Please help us

- Very important

- For

- For

- About

- The lectures
- The tutorials
- The place
- Anything else

With the new online version much
more feedback than in the past
Thank You!


TITLE	LEVEL	CONTENT	PRESENTATION
-------	-------	---------	--------------

Introduction to Cryogenics			
Cryopumping			
Industrial Vacuum Applications			
Beam Induced Desorption			
Beam-Gas Interaction			
Surface Characterisation			
Interactions between Beams and Vacuum System Walls			
Surface Cleaning & Finishing			
Thin-Film Coating			
Controlling Particles/Dust in Vacuum Systems			
Beam Induced Radioactivity & Radiation Hardness			
Radiation Damage and its Consequence			
Control & Diagnostic			
Vacuum Design Aspects			
Manufacturing & Assembly for Vacuum Technology			
The Real Life of Operation			
Challenges for Vacuum Technology of Future Accelerators			

“Testimonials” on the CAS website



What our students say about us



“ For a beginner like me, it was a very informative and helpful school, I could interact with people from different parts of the world and realize the opportunities ahead of me. ”

— **Aqsa Shaikh**, SAMEER
Student of JAS on RF Technologies, Japan 2017



“ I enjoyed the multinational environment of great people and a great deal of knowledge that I got out of the lectures. ”

— **Marcin Knafel**, NSRC SOLARIS
Student of JAS on RF Technologies, Japan 2017

- All it needs:
 - a photo
 - name + affiliation + CAS course
 - “a sentence”

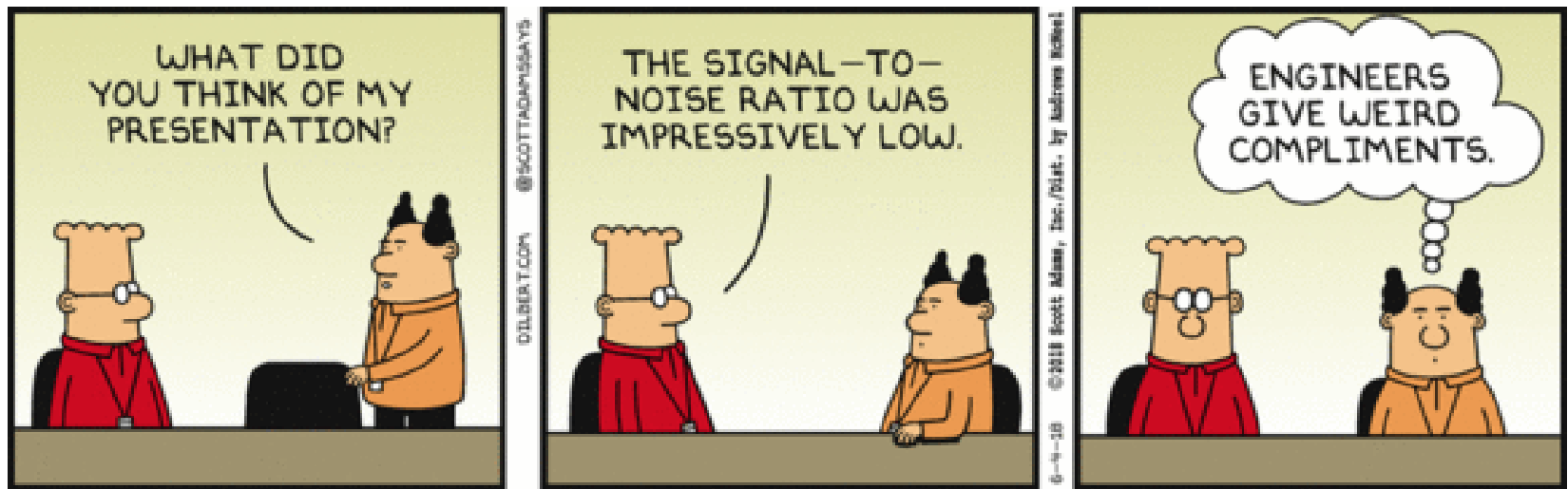
What we would like to get from you:

- Some testimonials
- Feedback (closes for this course on Tuesday morning)
- Your posters

Social life during course:

- Next to the course teaching the most important aspect of the school
“electronic training will never replace CAS courses”
- What happened:
 - people socialising (and even working) up to late in the evenings
 - lots of interactions students <-> teachers
 - cinema evening
 - excursion
 - theater dinner

Last time we talk about SNR



Found by Markus



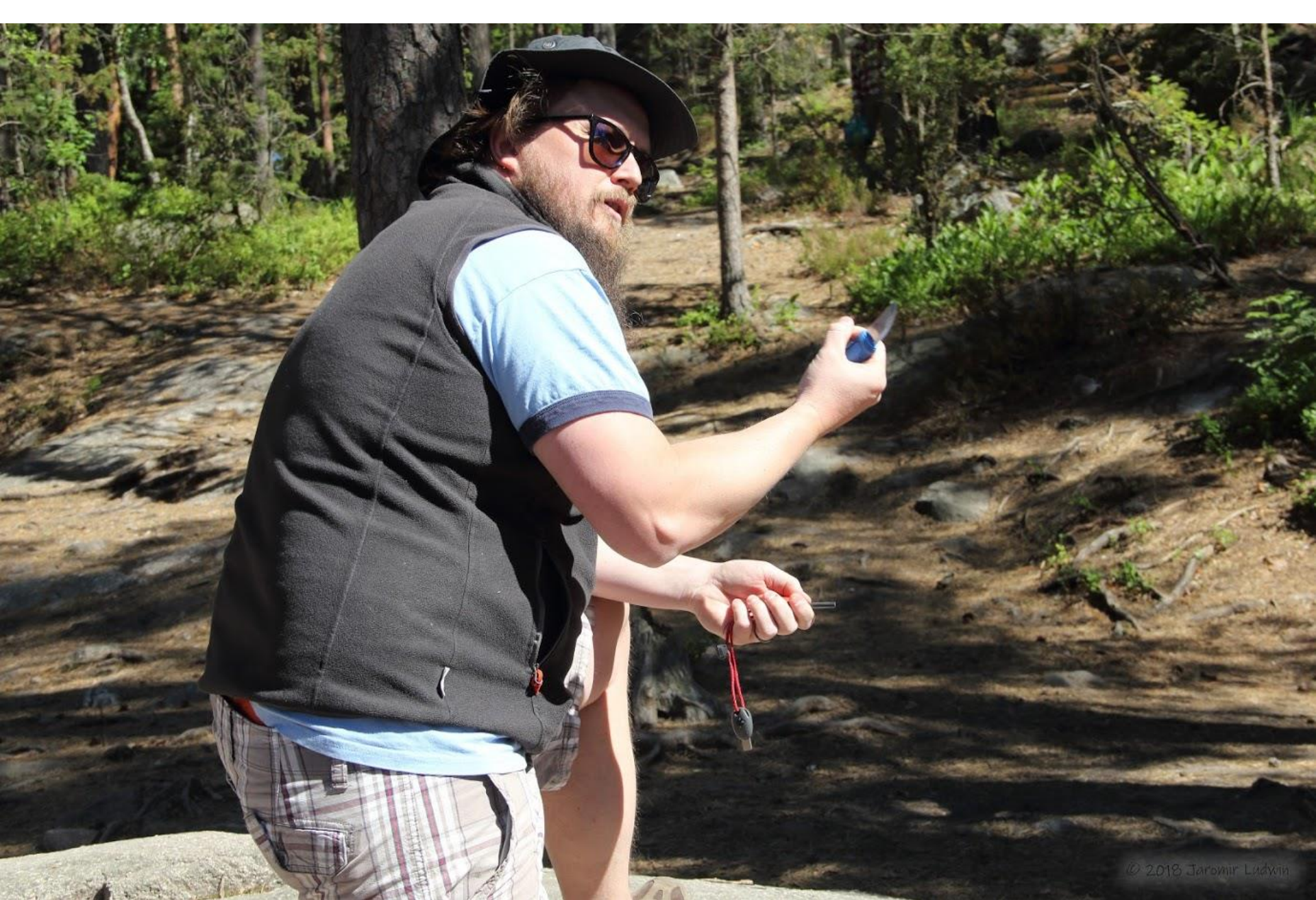






The impressive view from the viewpoint in Nuuksio





© 2018 Jaromir Ludwin



Corona
Extra®









Last not least:

This course would not have happened without:

- lecturers: they do all the work for “love”
- the Hands-ON courses teachers:
 - Christine, Beata, Geroen, Piotr, Manfred, Kay, Enrico, Thibaut, Stephen, Gero, Rhodri, Marek, Markus
- The “souls” of the event:
 - Delphine Rivoiron
 - Anastasiya Safronava
- Kenneth Oesterberg, HIP
- The man, who knows everything: Jukka
- **YOU**

