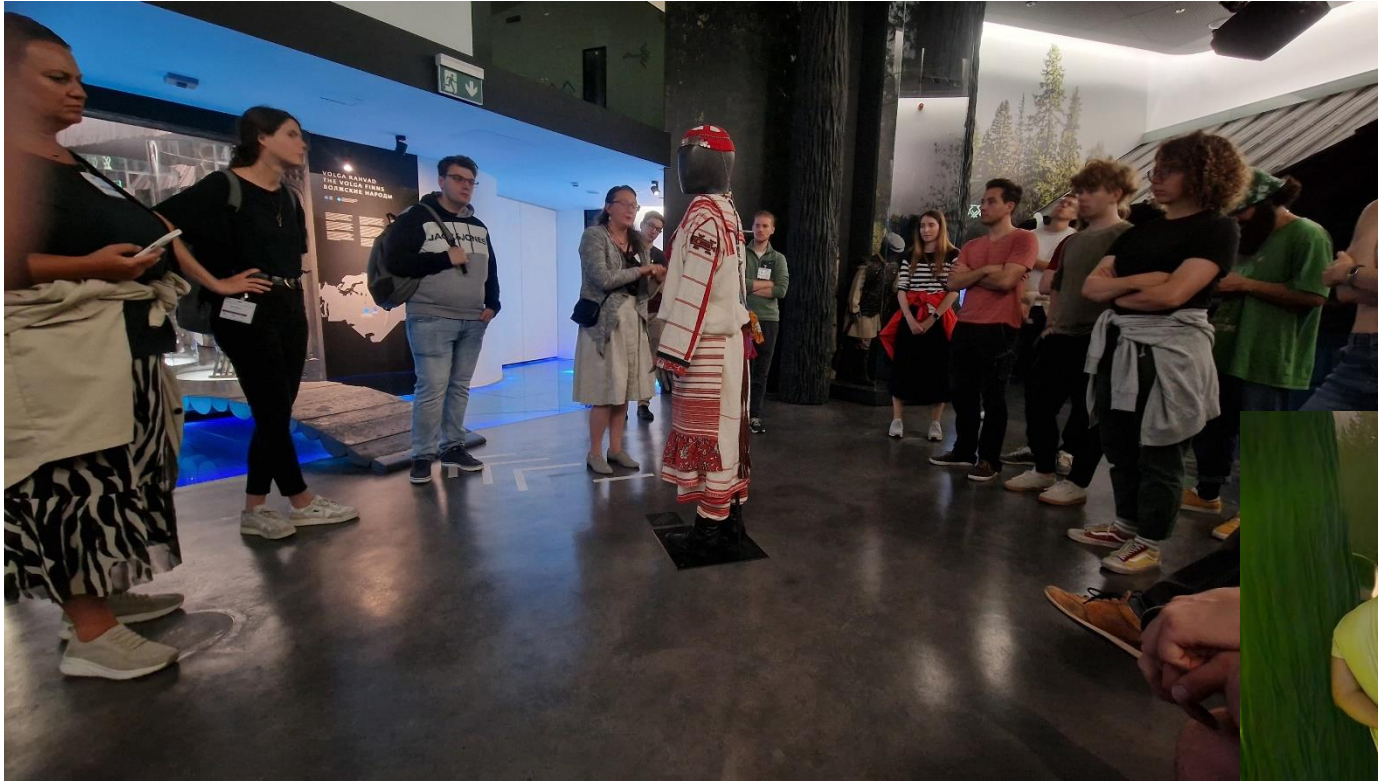


# Announcements

Monday 28<sup>th</sup> of August

# Saturday



# Yesterday

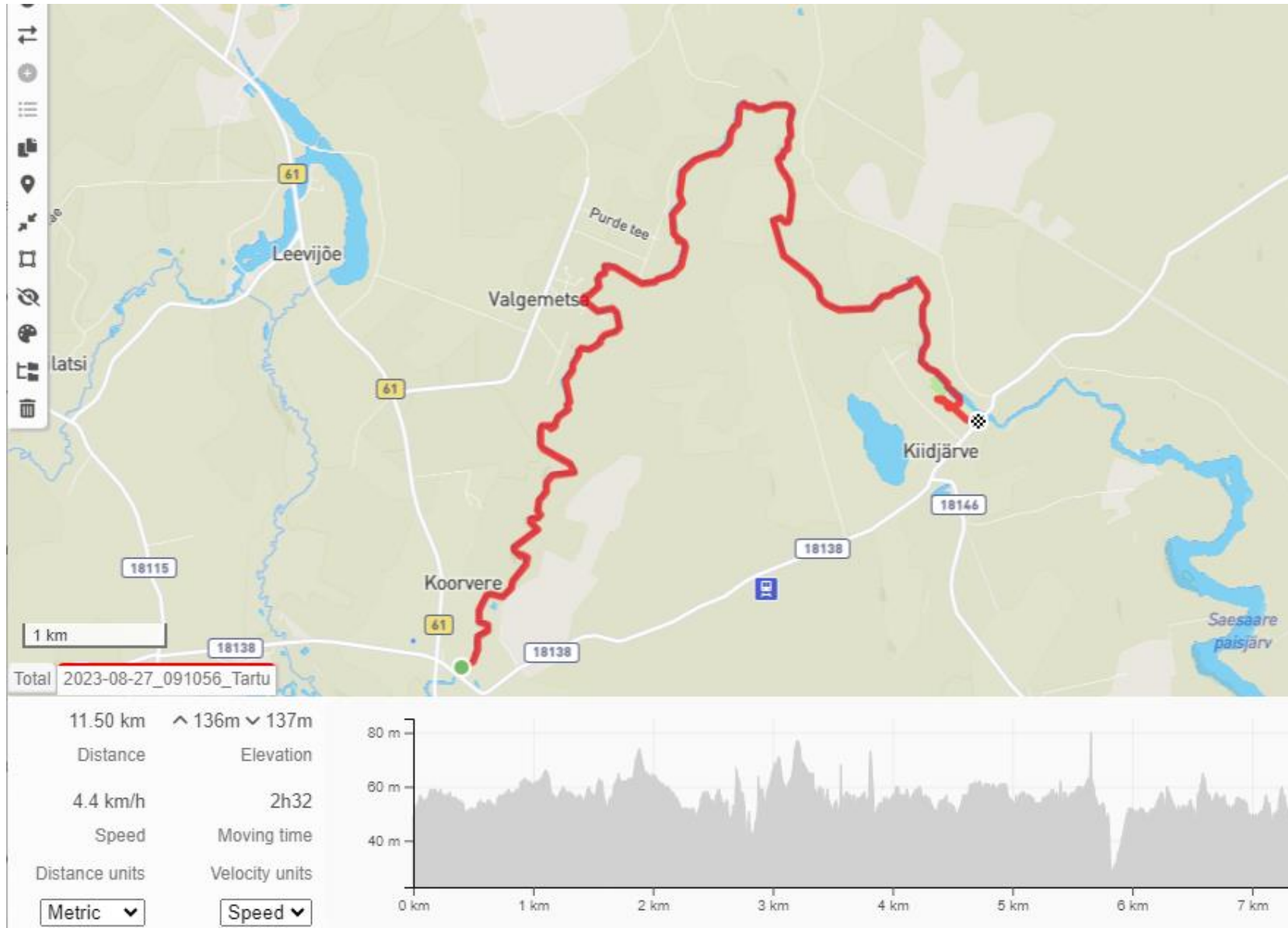


# Yesterday



ing

# GPS Track



# Yesterday - the river has been cleared ...



# Yesterday – if you get stuck, just push ...



# Yesterday





# Yesterday – gira la barca – turn the boat !






Con



# Special lecture tonight

Dinner will be served in the Delta building  
between 19-20.



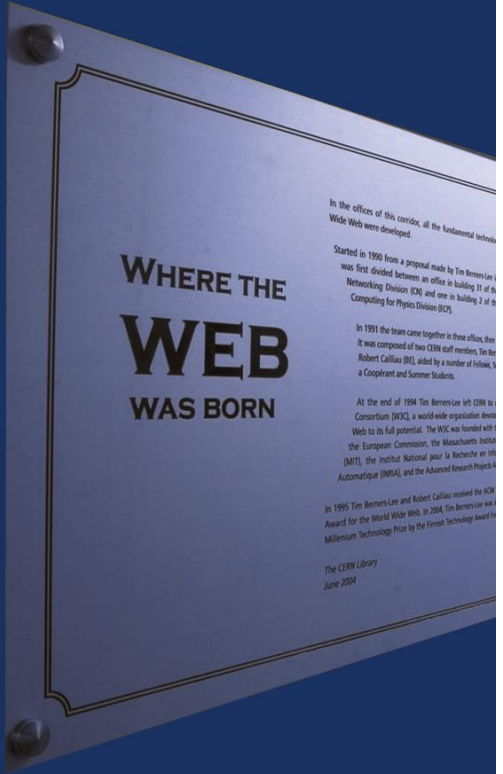
Amazing, funny and somewhat secret aspects  
about the beginning of the internet.

Evening Lecture by an Internet Veteran and  
member of the Internet Hall of Fame.

## FRANÇOIS FLUCKIGER

### When Internet History meets Philosophy

28. august 20.30 Delta building, room 1037



In the offices of this corridor, all the fundamental technology of the World Wide Web were developed.




Started in 1990 from a proposal made by Tim Berners-Lee, the WWW was first divided between an office in building 11 of the Networking Division (CN) and one in building 2 of the Computing for Physics Division (CPT).

In 1991 the team came together in these offices, then it was composed of two CERN staff members, Tim Berners-Lee and Robert Calliau (RE), aided by a number of fellows, a Cooperator and Summer Students.

At the end of 1994 Tim Berners-Lee left CERN to join the Consortium (W3C), a world-wide organization devoted to the Web to its full potential. The W3C was founded with the European Commission, the Massachusetts Institute of Technology (MIT), the Institut National pour la Recherche en Informatique (INRIA), and the Advanced Research Projects Agency (ARPA).

In 1995 Tim Berners-Lee and Robert Calliau received the ACM Award for the World Wide Web. In 2004, Tim Berners-Lee was awarded the Millennium Technology Prize by the Finnish Technology Academy.

The CERN Library  
June 2004

Open lecture of CERN School of Computing (21. august – 1. september, Tartu)

# Registrations..

- ◆ New week, new registrations!
- ◆ Thursday - quick visit of Delta building just before football match at 16.15
- ◆ Thursday - CSC traditional football match (more info to come)
- ◆ Friday – Visit to GSCAN or Tartu Observatory

Submit your replies under surveys!

<https://indico.cern.ch/event/1254984/surveys/>



# New speakers are arriving...



## **Creating Secure Software**

*by Sebastian Lopienski (CERN)*

3h lectures + 3h exercises

- introduction to computer security
- security in different phases of software development
- web application security



## **Introduction to Machine Learning**

Lukas Alexander Heinrich (Technische Universität München)

3h lectures + 3h exercises

- what is machine learning
- learning algorithm, loss function, optimisation
- overfitting and underfitting
- machine learning in HEP

# Why 3 lectures for Toni today ?

Monday, 28 August 2023	Tuesday, 29 August 2023	Wednesday, 30 August 2023	Thursday, 31 August 2023	Friday, 1 September 2023
08:45 Data Analysis L1: Introduction	08:45 Machine Learning L1	08:45 Machine Learning L3	08:45 Software Security L3: Web application security, exercise debriefing	08:45 Student Lightning talks
09:45 Data Analysis L2: Probability density functions and Monte ...	09:45 Software Security L1: Introduction - Sebastian Lopienski (CERN)	09:45 Data Analysis L4: Hypothesis testing and p-value	09:45 Exercise 3: Data Analysis	
10:45 Announcements	10:45 Announcements	10:45 Announcements	10:45 Announcements	10:30 Announcements
11:00 Coffee break	11:00 Coffee break	11:00 Coffee break	11:00 Coffee break	10:45 Coffee break
11:30 Data Analysis L3: Parameter estimation and confidence intervals	11:30 Machine Learning L2	11:30 Exercises 1: Data Analysis	11:30 Exercises 2: Machine Learning	11:00 Transport to visits
12:30 Estonia E-Data	12:30 Software Security L2: Security in different phases of software de...	12:30 Exercises 2: Data Analysis	12:30 Exercises 3: Machine Learning	11:30 Visits to GSCAN/Tartu Observatory
13:30 Lunch	13:30 Lunch	13:30 Lunch	13:30 Lunch	13:00 Transport to Delta bui...
14:30 Study or sports time	14:30 Study or sports time	14:30 Study or sports time	14:30 Exam	13:30 Lunch
16:00 Coffee break	16:00 Coffee break	16:00 Coffee break	16:00 Coffee break	14:30 Graduation and closing ceremony
16:30 Exercises 2: Data Technologies - Andreas Joachim Peters (CERN)	16:30 Exercises 1: Software Security - Sebastian Lopienski (CERN)	16:30 Exercise 3: Software Security	16:30 The CSC Traditional football match	
17:30 Exercises 3: Data Technologies - Andreas Joachim Peters (CERN)	17:30 Exercises 2: Software Security - Sebastian Lopienski (CERN)	17:30 Exercise 1: Machine Learning		

# Sebastian Lopienski



## Syz Translémanique en solitaire

TCF 3

Overall results

Select country

Search...

Scoring System : Low Point

Rating System : SRS+

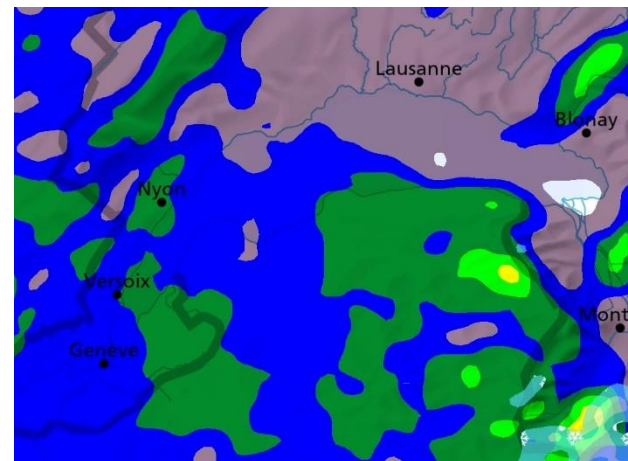
Scoring Options : Standard

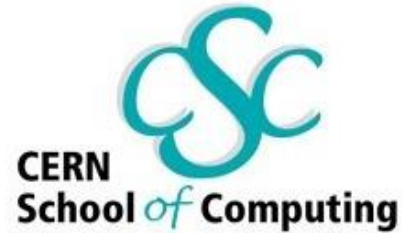
Start: 8/26/2023 9:30:00

Overall results

Published : Sun 27 Aug 2023 11:06

Nr	Bow#	Sail Number	Team	Club	Boat Type	TCF	T	N	
1	2373	 SUI 5	Henri KIEFFER	SNG	Archambault A27	1.039	1.0	1.0	▼
2	1788	 SUI 1523	Sebastian LOPIENSKI	YCC	J/80	1.029	2.0	2.0	▼
3	1452	 SUI 132	Hans-Peter BICHELMEIER	SNG	Melges 24	1.091	3.0	3.0	▼
4	1255	 SUI 850	Nicolas FUCHS	CCSRC	Bepox 850	1.066	4.0	4.0	▼
5	2470	 FRA 12	Guillaume LACHERAY	CVE	NITRO80	1.099	5.0	5.0	▼
6	14	 SUI 1620	Patrick MÉGRÓZ	CVV	Bavaria 35 Match	1.096	6.0	6.0	▼





# CERN School of Computing 2023

Tartu, Estonia