Announcements
Tuesday, September 5th

Welcome to Erez and Many – guests from Tel Aviv University (CSC 2018 local organizers)

Yesterday:
visits at UPM

Using fans in the wind tunnel?

Today afternoon
sports / study time at Boadilla
or
back to Residencia Galdós

13:00	Lunch
14:00	Data Analysis E1: Monte Carlo method and Fitting with Root
15:00	Data Analysis E2: Confidence interval - Ivica Puljak (FESB)
16:00	Afternoon break
16:15	Data Analysis E3: Hypothesis testing - Ivica Puljak (FESB)
17:30	Bus to Boadilla
17:45	Study time / daily sports (Boadilla)
19:30	Bus to Galdos
20:15	Dinner
21:00	Special evening talk - Francois Fluckiger

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Boadilla sport centre

Facilities:

- a swimming pool and a green area
- 3 tennis courts
- *(to be confirmed)* basketball court

Fill in the survey

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https://indico.cern.ch/event/581756/surveys

Surveys

Photo Gallery

Tuesday 5 September afternoon options

What would you like to do this afternoon after 17:30? ✶

○ **Go to Boadilla sport centre (swimming pool, tennis, running, possibly basketball)**
○ **Go back to Residencia Galdós**

Submit   **Back**

Your answers will be associated with your account.

Deadline: **Today before lunch**

7

Today evening
special talk at 21:00

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Special evening talk

(optional) at 21:00 at *Galdós*

http://internethalloffame.org/inductees/françois-flückiger

INTERNET HALL of FAME INNOVATOR

François Flückiger

A leader of the struggle to promote the Internet in Europe, Francois Flückiger convened in November 1988 the founding meeting that led to the creation of Réseaux IP Européens (RIPE), the nonprofit European organization that conducts the technical coordination of the infrastructure of the Internet.

2013 Induction Ceremony: Acceptance Speech - Françoi...

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Tomorrow 13:45 (after lunch) – official school photo

Please bring your fan tomorrow!

François is already practicing for tomorrow

Thursday afternoon:
the exam

CSC diploma reputation

- Difficult, serious School, and exam

- Evaluate knowledge in two fields
  - Physics
  - Computing

- Questions (multiple choice) will span all three themes
  - Data Technologies
  - Base Technologies
  - Physics Computing

The exam: 35 questions, one hour

- Around 35 questions
- Multiple choice questions: 4 possible answers
  - only one answer is correct
  - no penalty is given in case of incorrect answers
  - multiple ticks make the answer invalid
- 1 hour available
- No materials and communication allowed
  - no notes, booklets, any other papers than provided by us
  - no smartphones, earphones, laptops, internet etc.
  - no contact between persons
  - bring just a pen (paper will be provided)

Example of a question

What is one of the most desirable property
of a cryptographic hash function?

    A. it does not have collisions (a collision is a situation that occurs when two distinct inputs produce identical hash outputs)

    B. it has only finite number of collisions

    C. the hash length is variable in size

    D. only brute force attacks can be used to find collisions and these attacks should be computationally infeasible

Example of a question

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Evaluation of the questions

- We review all answers to the test

- A good question
  - Should not have all answers correct (too easy)
  - Should not have all answer wrong (too difficult or bad question)

- The pass / no pass threshold is around 60% correct answers (but may be adjusted)

Exam (optional)

- Those who passed will be announced on the CSC Live!

- Those who did not pass will not be announced

- List of exam candidates will not be available

- Individual marks will not be announced,
  except the highest marks

Decide if you take the exam
or not -> Indico survey

Deadline:
**Thursday
10am**

Exam

The exam will take place on Thursday 7 Sep

Will you take the exam? *

○ **I will take the exam**
○ **I will not take the exam**

If you are successful in the exam, you will acquire 6 ECTS credits.

[Submit] [Back]

Your answers will be associated with your account.

Friday afternoon –
student presentations session

Presentations by Students
(optional)

- Short presentation (7-8 minutes)
- A scientific or a technical topic
  - try to explain a "problem" and keep it at an academic level
- … for example:
  - something related to the CSC programme
  - a technology, approach etc. that you are using
  - overview of the experiment for which you work
  - anything else scientific (even if not directly work-related)
- … but please avoid:
  - presenting an in-depth technical paper
    that requires extensive prior knowledge to understand
- Questions? Talk to (or e-mail) me or the lecturers

Presentations by Students

- Submit your proposal -> Indico survey
  - deadline: Thursday 13:00 (before the lunch)

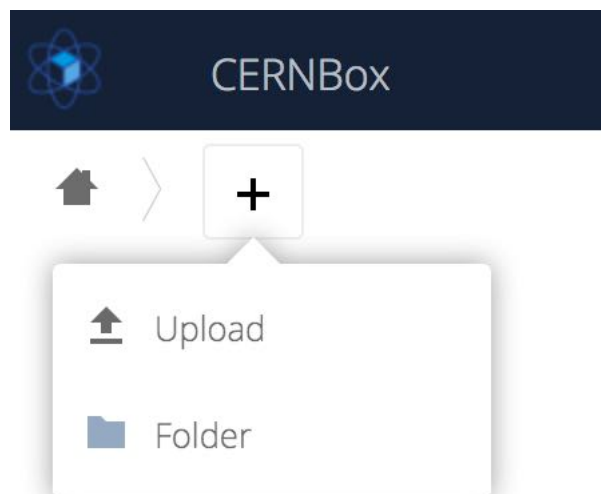| Survey	Available from	Deadline	
Student presentations	5 Sep 2017, 09:00	7 Sep 2017, 13:00	Fill out

- We will confirm your presentation by Thursday 16:00

- We will assign you a mentor (one of the lecturers)
  - a person to help with questions for the content, style etc.

Other

Do you have nice videos?

Upload them to
https://cernbox.cern.ch/index.php/s/YvCkaWCvWlMtjzW

Noise problem

- ## Noise at Galdós last night
  - How many of you were disturbed by the outside noise?
  - How many of you were *badly* disturbed by the outside noise?

  - How many of you had their room doors banged on, or other serious noise inside Galdós (corridors etc.)?

Keep yourself informed – CSC live

CERN School of Computing

CERN School of Computing 2017

from 27 August 2017 to 9 September 2017
Universidad Politécnica de Madrid
Europe/Zurich timezone

Home

Practical information
⌐ Accommodation
⌐ Travel & Visa
⌐ ECTS credits
⌐ Laptop configuration

Welcome to the CERN School of Computing, which this year takes us to the world-class city of Madrid in Spain.

The programme

We have an indepth programme of advanced, interesting and challenging computing topics planned, which will provide ECTS university credits upon successful completion of the CSC

CSC Live!
⌐ CSC Slack Chat

Lunch menu on CSC Live

https://indico.cern.ch/event/581756/page/11348-csc-live

WEEKLY MENU - CSC 2017

MENU				
MONDAY	**TUESDAY**	**WEDNESDAY**	**THURSDAY**	**FRIDAY**
CODITOS CON ATUN (pasta with tuna) Vegetarians: can have only the pasta	JUDIAS BLANCAS CON VERDURAS (white beans with vegetables)	LENTEJAS CASERAS (lentils soup)	PAELLA VALENCIANA	PATATAS A LA RIOJANA (potato and chorizo stew)
JUDIAS VERDES REHOGADAS (sautéed green beans)	BROCOLI SALTEADO (sautéed broccoli)	TALLARINES AL PESTO (pasta with pesto sauce)	CREMA DE ZANAHORIAS (carrots soup)	BERENJENA ORLY (fried aubergines)
ENSALADA DE CANGREJO (crab salad)	ENSALADILLA RUSA (Russian salad)	MEBESTRA DE VERDURAS REHOGADAS (sautéed vegetables)	ENSALADA CAMPERA (potato, green pepper, onion, tomato)	ENSALADA CESAR (Cesar salad)
FILETE DE TERNERA A LA PLACHA (grilled steak)	POLLO ASADO (roasted chicken)	FILETE RUSO CON TOMATE (beef patties with tomato sauce)	FILETE DE POLLO A LA PLANCHA (grilled chicken steak)	LOMO ASADO A LA NARANJA (roasted pork with orange sauce)
PESCADO (fish)	PESCADO (fish)	PESCADO (fish)	PESCADO (fish)	PESCADO (fish)
HUEVOS FRITOS CON MORCILLA (fried eggs with black pudding) Vegetarians: can have only the fried eggs	ROLLITO DE PRIMAVERA (spring rolls)	SAN JACOBO CASERO (beef escalope stuffed with ham and cheese)	SALCHICHAS FRESCAS AL VINO (fresh sausages in white wine sauce)	REVUELTO DE CHAMPIÑÓN (scrambled eggs with mushrooms)