



UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE

# Bootstrap Day

PAGE 3

DEPARTMENT	COURSE	DESCRIPTION	PREREQS
COMPUTER SCIENCE	CPSC 432	INTERMEDIATE COMPILER DESIGN, WITH A FOCUS ON DEPENDENCY RESOLUTION.	CPSC 432



UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE





UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE

## Programme

- 10:15 Welcome
- 10:30 The scientific role of CS
- 11:00 The master in CS
- 11:30 Bureaucracy stuff
- 11:45 From student to student
- 11:50 Sport @unimi with CUS





UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE

## Benvenuti in Statale!

A short tour of the University  
and a view on computer science  
(master degree version)





UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE

<http://orientamento.di.unimi.it/index.php/iniziative/bday>

Benvenuti in Statale!



**Don't  
PANIC!**

# What do you do at a University?

- A community of learners who study together



Università  
degli Studi  
di Milano

University  
of Milan



Facoltà  
di Scienze  
e Tecnologie

Division of  
Science and  
Technology



Dipartimento  
di Informatica

Computer  
Science  
Department

TEACHING

RESEARCH

3rd MISSION

# University funding

- Italian Universities have been for long largely under-funded (~1,4% of GDP invested in R&D vs. 2-3% in EU/US/JP/...)
- Taxes paid by students only cover a small part of actual costs (<20% total funding, as imposed by law)
- University is thus paid for by people not attending it...
- Thus you have a **big responsibility**: complete your studies and make the most of what you learn!

# Teaching organization

- Academic year organized in semesters, several courses per semester (frontal lectures / labs)
- Attending is not mandatory, although strongly advised
- 1 CFU = 25 (student) work hours:
  - 8 classroom + 17 individual study (frontal lessons)
  - 12 lab + 13 individual study (labs)
- Thus attending lectures is **not** sufficient
- **Studying is a full-time activity**



# MSc is not Bsc

- More freedom (check on «Manifesto degli Studi»)
  - a heavily customizable curriculum
  - specific specializations
- As soon as possible, plan your thesis' work
  - more demanding, thus more challenging
- Studying abroad is extremely meaningful
- Possible collaborations as TA
  - «CS 101» for other bachelor degrees (prof. Montanelli)
  - course for BSc in computer science (involved teachers)

# Exams

- Each course requires one or more exams
  - written (sometimes substituted by partials)
  - oral
  - project
- Exams are planned at specific dates (appelli): Jan Feb Jun Jul Sep
- Six possibilities (for each course) per year: don't just try them! Moreover, signing up without actually showing up might pose logistic problems

# Some pointers

- Teaching office / Ufficio per la didattica
  - via Celoria 18 (ground floor)
- Timetable: <http://easystaff.divisi.unimi.it/PortaleStudenti/>
- Web
  - <http://www.di.unimi.it>  
(CS department / Dipartimento)
  - <https://www.unimi.it/en/education/faculties-and-schools/science-and-technology/computer-science-and-technology>  
(Teaching division / Collegio didattico)
- Student's guide  
[https://www.unimi.it/sites/default/files/2020-09/Welcome\\_ENG\\_Web\\_2020\\_2021\\_0.pdf](https://www.unimi.it/sites/default/files/2020-09/Welcome_ENG_Web_2020_2021_0.pdf)

SCAN ME



# Important places

- Via Celoria 18: CS department + classrooms



# Important places

- Settore didattico and via Golgi: classrooms



# Important places

- Via Venezian 15 (didatteca): classrooms



# “Places” for the forthcoming year?

- All lectures of the fall term take place remotely
- Mostly in sync, but available offline
- Teaching material: Web pages of the courses
- Platforms
  - video lectures: zoom / teams
  - teaching material: ariel / teachers’ Web pages
  - (however, expect a little variability...)
- Spring term: too soon to say anything

# Student/teacher communication

- Check beforehand if it is more appropriate to ask to someone else (e.g., teaching office) and if the info is already published somewhere
- Vis à vis (during classes or at office hours)
- Using e-mail, via your address *name.surname@studenti.unimi.it*
  - be clear, concise, and specify a subject
  - write clearly your name, surname and course
  - send only one message



# Some tips...

- Learn how to manage time
- Find your way to approach learning
- Learn how to work in groups and individually, attend labs, discuss with other students and with TAs
- Get informed about teaching opportunities (elective courses, seminars, additional lectures) and learn how to develop practical skills autonomously



UNIVERSITÀ DEGLI STUDI DI MILANO  
FACOLTÀ DI SCIENZE E TECNOLOGIE

## A look at Computing



# Concept map

HARDWARE  
how digital computers  
are done

# Concept map

HARDWARE  
how digital computers  
are done

SOFTWARE

- system
- application

# Concept map

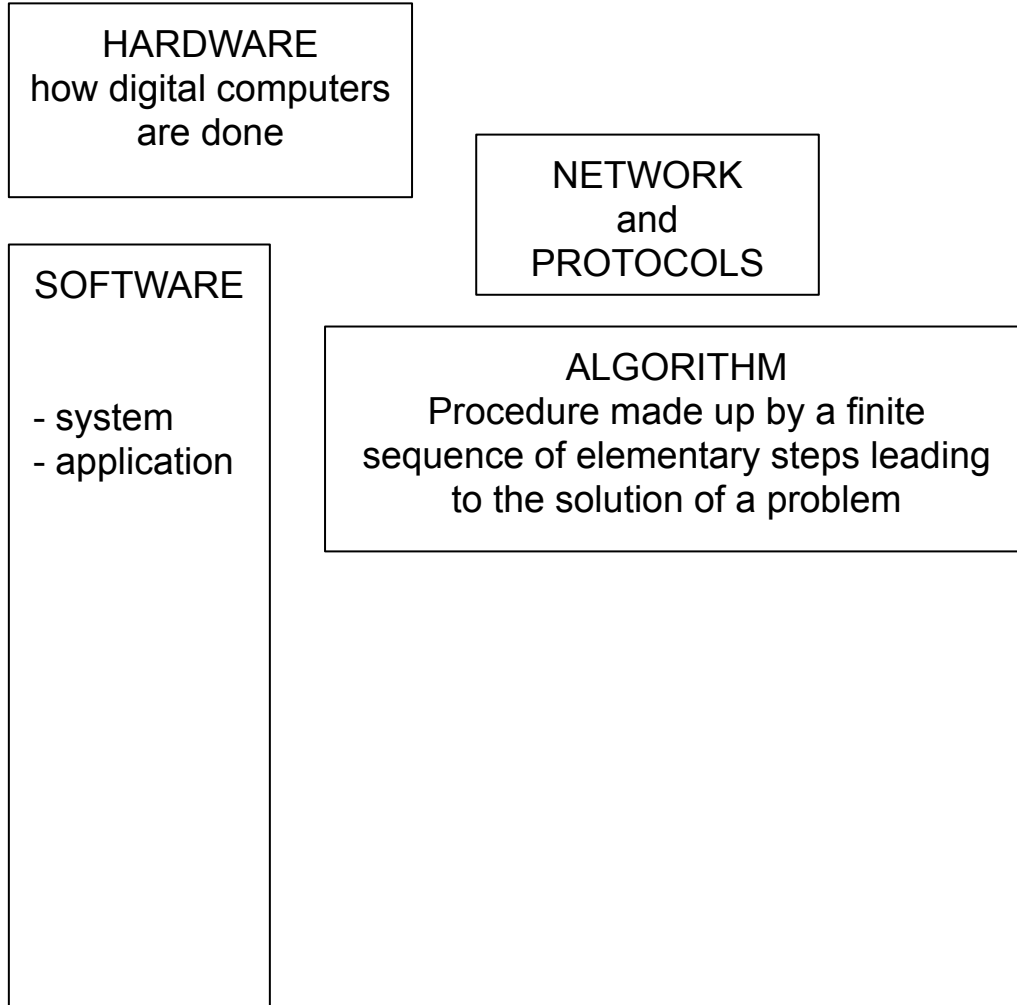
HARDWARE  
how digital computers  
are done

NETWORK  
and  
PROTOCOLS

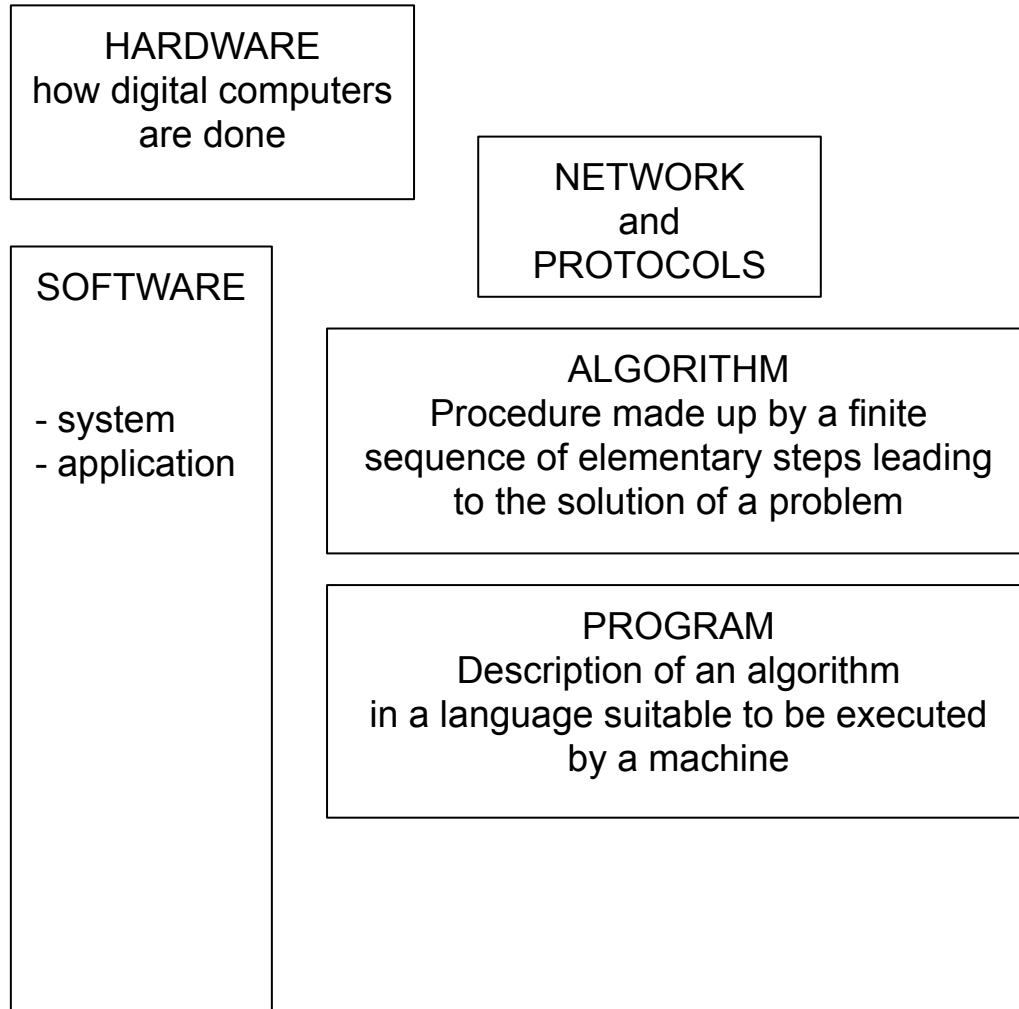
SOFTWARE

- system
- application

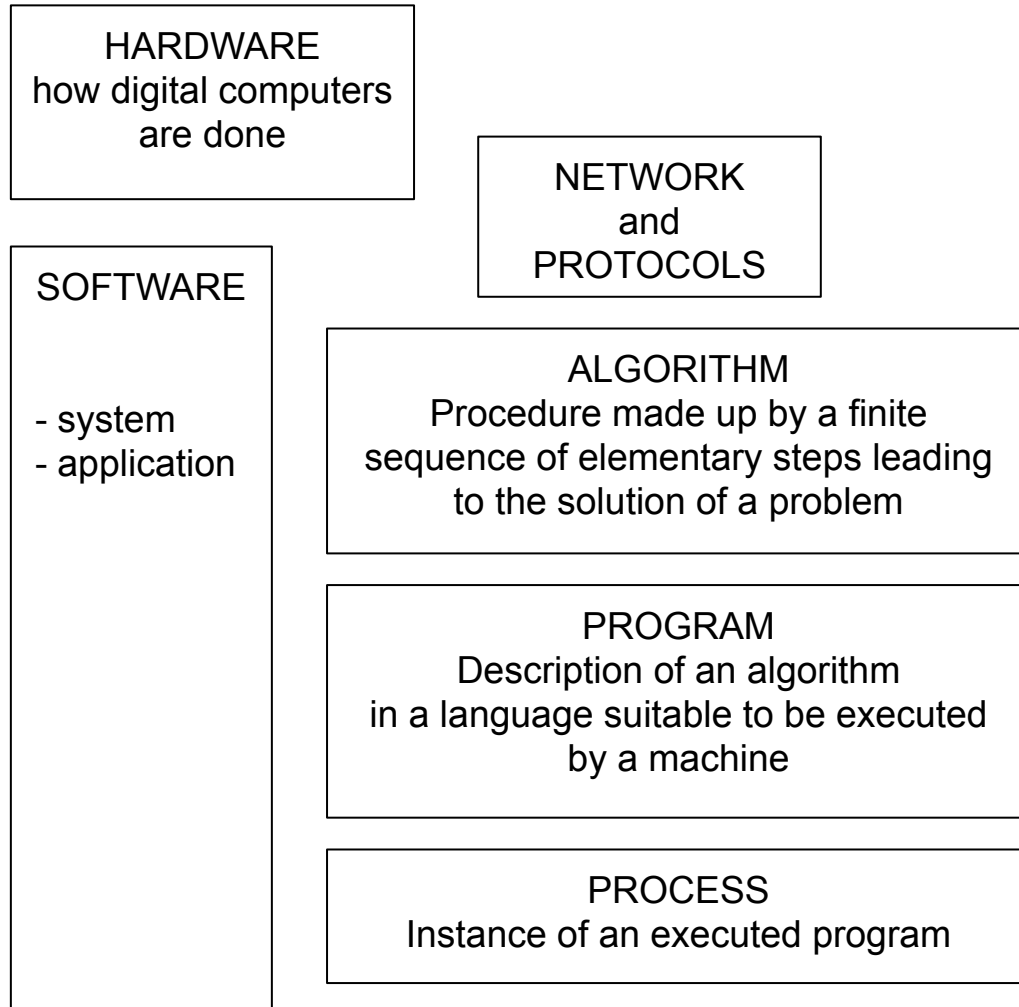
# Concept map



# Concept map

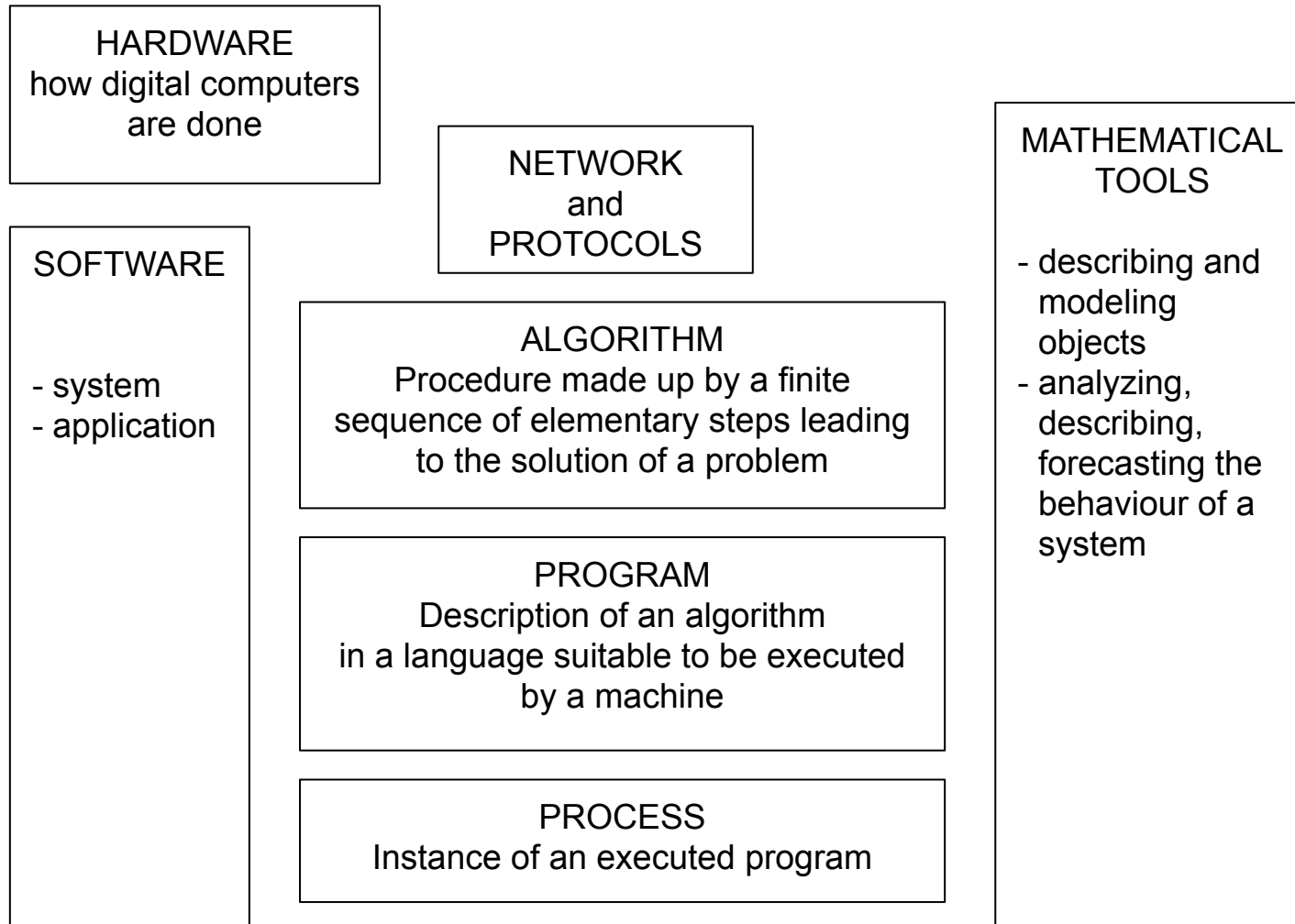


# Concept map





# Concept map



# Concept map

