

# MaCSN Programming Test

- ▶ Test for basic programming skills:
  - ▶ Programming languages (Choose one of): Python, C/C++, or Java
  - ▶ Procedural programming, object-oriented programming not required
  - ▶ Loops & control structures: for, if, while, etc.
  - ▶ Functions: parameters, local variables, return values
  - ▶ Command line input and output
- ▶ Ubuntu virtual machine: text editor, command line for compilation, execution
- ▶ Allowed resources:
  - ▶ 1-2 pages reference cards for each programming language (will be provided)  
(No need to learn the syntax by heart!)
- ▶ Required for the following courses:
  - ▶ Summer term: NGN, Cryptography, DSP
  - ▶ Winter term: ACC, AMC, DC, ITS
- ▶ Date: Monday, October, 14th, 2019, 16:00h-17:00h
- ▶ Different rooms, all students meet at 16:00h in (front of) room ZO 8-6
- ▶ Mandatory for all students (MaCSN and MaTIN) who did not pass the programming test before