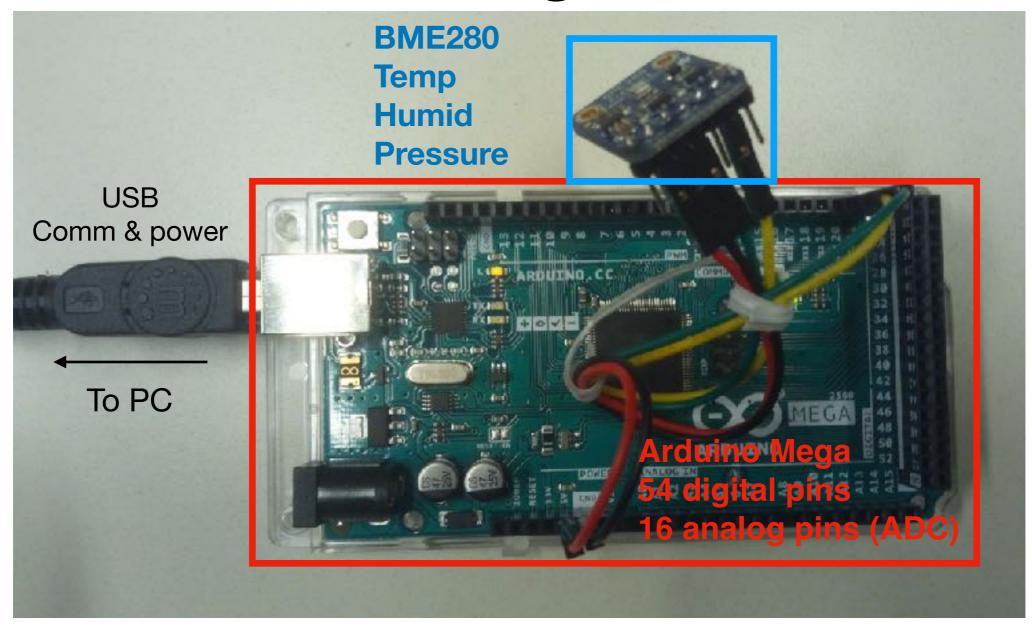


The Weather Station Control for the new EEE Weather Station

Weather station prototype in Bologna



Arduino code here: https://github.com/centrofermi/wsc/blob/master/arduino/sketch.ino

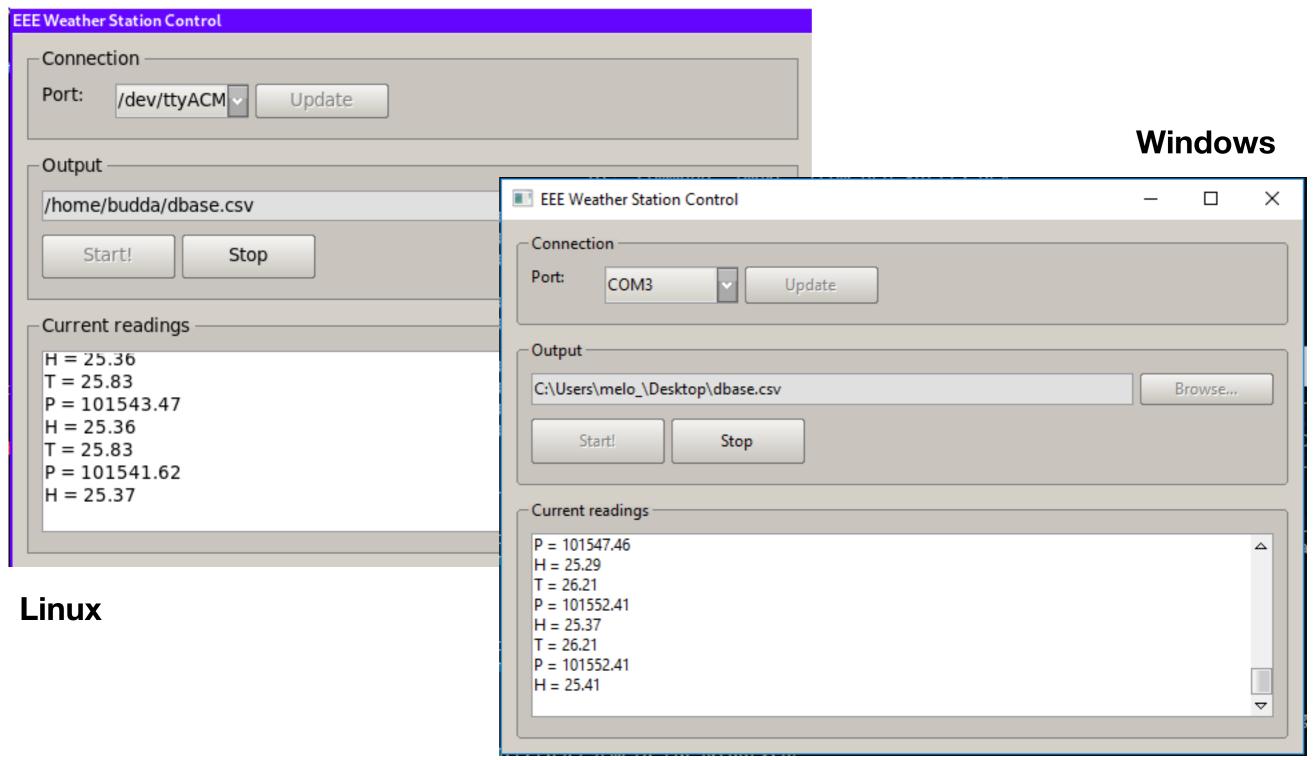
Weather Station Control

- Is a C++ GUI software to acquire environmental data from local sensors
- High-quality libraries + Modern C++
- Cross-platform: runs on Windows, Linux and macOS
- Periodically writes to file the data read from the WS and a timestamp
- Easy to install and use:
 - comes with a standard windows installer
 - completely self-contained (no need to install drivers, libraries, additional setup)
 - weather-station-port auto detection
- Exports data in the same format as the current Oregon Scientific Weather Station (CSV, agreed with Roman)
- https://github.com/centrofermi/wsc

Output file (CSV)

Easy to use for plots, analysis, monitoring...

WSC



5

Current status

- The hardware components are all almost defined
- The developing environment is defined
- The current shape of the code is OK: compiles and runs flawlessly
- Pre-release available for download from https://github.com/centrofermi/wsc/releases/tag/v0.1-alpha
- X Missing:
- X Integration of the external temperature sensor
- Calibration facility (?)
- Testing in a real-conditions setup

Thank you for your attention