



UPPSALA  
UNIVERSITET

# Coding Project: Improve Your Own Python Code

**2017-05-17**

Advanced Scientific Programming with Python

# Finding Your Way Around Bmc

# Thu, 13:15

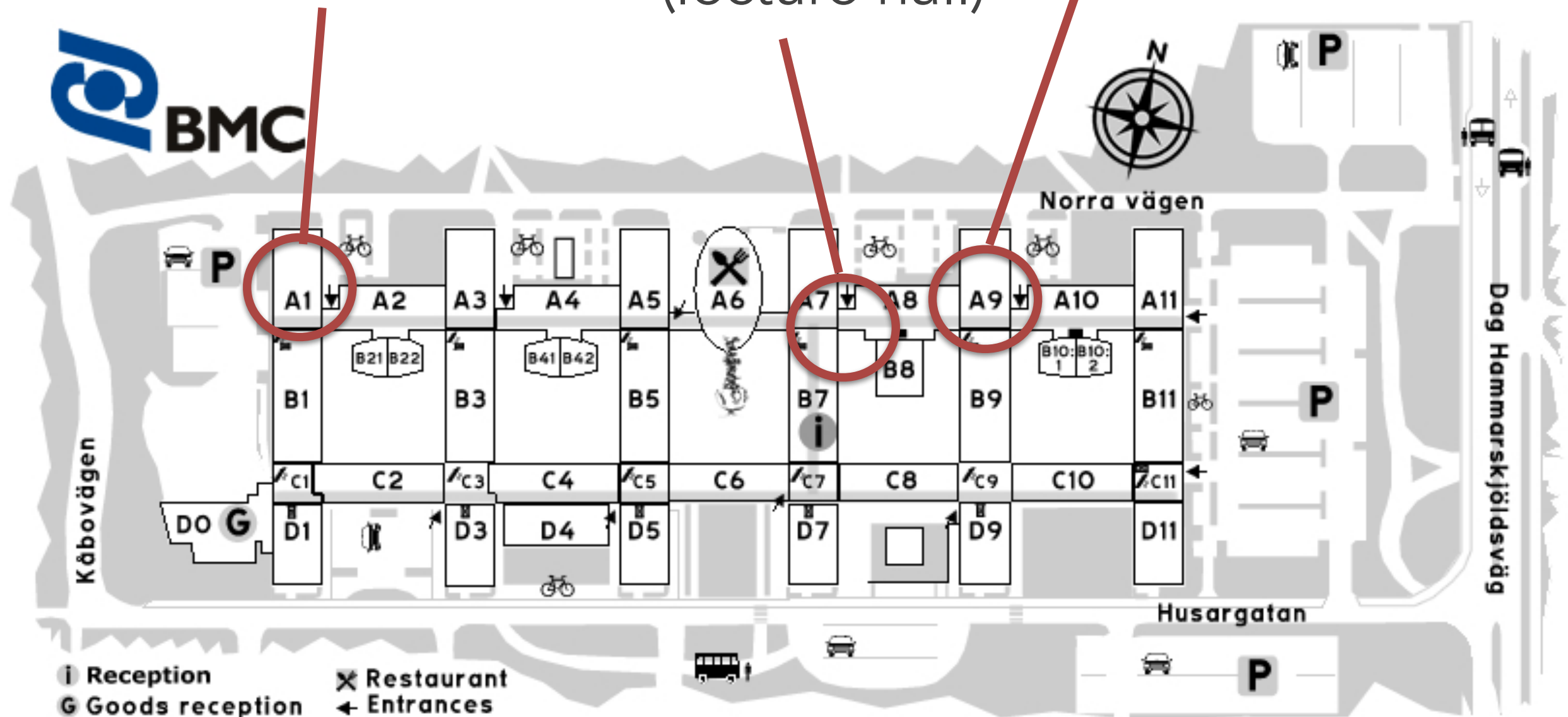
A9:001  
(in the basement)

**Fr, Mo**

A1:104b  
(regular room)

# Thu, 9:15

B7:101a  
(lecture hall)



# Coding Project

- Bring your own Python script/program or idea and improve on it!
- If you are unsure or don't have anything suitable, talk to us!
- There are 3 afternoon sessions with help from tutors
- You will give a 5 min presentation on the last course day

# Your Coding Project Could Be

- Making your code into a repository and hosting it on Github
- Making your script(s) into a Python package / library
- Adding a test suite to your Python code
- Debugging and profiling your code
- Optimising your code for performance and/or memory usage
- Adding documentation to your code project
- All of the above
- Your own idea....

# The Presentation

- Short, maximum 5 minutes
- Briefly explain what your code is doing
- (Don't forget to make a snapshot/screenshot before you start working on the code)
- Then, show us
  - how and what you improved or
  - which amazing feature/tool you found that everybody should use or
  - what you learned about your code, e.g. performance or
  - something else about your code that you would like to share with the us

# Coding Clinique: Dissection Of Code Examples

- When: Monday, 22.05. 09:15
- Send us your code snippets and coding questions to [benedikt.daurer@icm.uu.se](mailto:benedikt.daurer@icm.uu.se)
- We will collect everything and give our answers and suggestions on Monday

# But, First Some Numpy Exercises

<https://github.com/uu-python/day3-highperformance>