

## ISOS Course

# Matlab / Octave

Prof. Dr. Thomas Slawig / Dept. of Computer Sciences, CAU  
2 - 4 April 2012 | 10:00h - 17:00h

Preparatory Meeting: 14 March 2012, 10:00 h, Leibnizstraße 1, R.105a

### Course content:

- | Introduction to Matlab / Octave (vectors & matrices, basic mathematical operations, loops & if statements, load & save data)
- | Structured programming (scripts and functions, debugging)
- | Efficient programming by vectorization
- | Basic data manipulation (interpolation, ...)
- | Introduction in the use of available Matlab / Octave resources (toolboxes).

Octave is an open-source programming language for numerical computations. Please note that the course is aimed only at starting-level Matlab users and those with rudimentary skills.

**Venue:** Leibnizstraße 1, terminal room (R.205)

*Registered ISOS PhDs have priority in our courses.*