

EVALUATION

ISOS-Seminar MATLAB Advanced (WS 2010/11)

Prof. Thomas Slawig, Dept. of Computer Science

No of participants: 7

No of questionnaires: 7

Please state your academic discipline (e.g. physical oceanography)

- Physical Oceanography
- Climatology
- Biochemistry
- Biological Oceanography
- Economics (2x)
- Geology

Which topics of the course were particularly relevant to you?

- ODE loops, optimization
- Combining IVP and BVP; combining optimization and simulation
- Simulation, optimization
- Visualization+ movies; ordinary differential equation
- Simulation, good Matlab programming style
- Optimization, simulation
- Differential equations / models in Matlab

Are there any particular issues you would have liked to be addressed additionally?

- PDE discretization maybe
- Maybe some statistic matlab functions
- automatic differentiation
- approximation of functions
- Not so far

Please summarize the "take-home message" that you have gained from this course.

- Inbuilt Matlab function can be more useful than own discretization.
- Initial and boundary value problem at least in one dimension. Optimization
- Definition and how to optimize in simulations. How to make a movie in matlab.
- Lots of new ideas and vocab of many Matlab routines.
- The great variety of applications of matlab > some of which are much easier than expected in usage.
- It is easy to make movies in Matlab.
- Matlab offers a lot, but sometimes it is hard to implement.

How would you rate the length of the course?

too long
too short [1]
exactly right [5]
other comment: - For the time I could afford. - For the content the length was okay, but I'd like to attend another course on related topics.

The amount of material covered was ...

too little -
exactly right [5]
too much -
other comment [1]: - more different examples could be worthwhile

The degree of difficulty was

too low [1]
average [6]
too high [1]
other comment: -

How would you rate the course overall (1- very good, 5 – poor)?

++	1	2	3	4	5	--
	3	3	-	-	-	

Another comment:

Since I've no background in programming, I'd be interested in a basic course on programming, which focuses on: "How do the computer programmes work?" "How and where to define variables?" "What is input, what is output."