# Evaluation of the course "‘Astrophysical Dynamics"’ given by Alessandro Romeo in the accademic year 2004/2005 at Chalmers

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## 1 members of class

- Per Thorén (GU)
- Laura Barragan (GU)
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- Martina Friedrich (Chalmers)

## 2 general information to the course

The course Astrophysical Dynamics given by Allesandro Romeo in the accademic year 2004/2005 was a 5 point course. The organisation was such like 4 hours per week of lectureing and discussion plus 2 hours self organized preparing for the discussion.

## 3 evaluation

### 3.1 general

Alessandro investigated quite a lot of effort in his lectures, what is even more impressive if one remember that he was lecturing just for 4 students. Also has he never been late, what is indeed something special, because unfortunately most of the people, including professors, are late sometimes. The way of trating us as his students was in a friedly and equal way. Every lesson was perfectly planned and organized. He made enough breaks in between the 4 hour-session on tuesdays, which he spend talking with us about course-related topics as well as other ones. He always tried (successfully) to build a bridge from the astrophysical context of the physics to everydayslife. The level of teaching was exactly right "‘lagom"’.

### 3.2 textbook/lecturenotes

Alessandro copied for every hour lecturenotes for every one. This lecturenotes followed the course book (Gas Dynamics, Frank H. Shu). They were good to follow, and good to read. It made it easy to be able to follow his lectures, and one was able to listen to him and make some additional notes, instead of being in a hurry to copy from the black board. To follow the course it wasn't required to have the text book, but it was also nice to have it, to get some deeper in a special topic.

### 3.3 homeworkproblems

Homeworkproblems were given every week, they were "‘solved"’ in a discussion together with Alessandro. To prepaire for this he recommanded us to meet together and pre-discuss the questions, he has had booked a room for that which we used to do so. These prediscussions were as well confusing as inspireing. The level and nature of the homeproblem was interesting and as well as the whole lectures in a perfect level of difficulty.

### 3.4 examination

The examination was in form of giving a 15 min talk about a self-choosen topic with some relation to astrophysics or fluiddynamics. This offered one a big range of chois, which has always two sides, on the one hand you CAN choose totally free, on the other hand you HAVE TO choose totally freely. We have had enough time for the preperation, and it was good that we had to tell him the topic 4 weeks before, because one get easily lost in the field. He offered us help with finding literature and information. also he introduced us in the "‘arXiv.org e-Print archive"’, which is for sure more than usefull, and I'm quite a bit worried why no other professor has ever mentioned this page. We all agree that this way of examination perfectly fitts the whole of the course. The only thing which one might wish, is to have a bit more time to speak, because one get easily get stressed up during giving the talk. Because we have been just 4 students, it might have been a good idea to enlarge the time for every person to approx. 25 minutes. Also one should note, that Alessandro had a discussion about grading with every singel person which I think is a verry good thing.

### 3.5 final comments

All 4 of us enjoed this course. The informal and friendly way of teaching and the from Alessandro shown interest towords us cannot be taken for granted.