

Bergische Universität Wuppertal UNISERVICE Qualität in Studium und Lehre Gaußstraße 20 42119 Wuppertal

Telefon: (0202) 439 - 2917 E-Mail: evasys@uni-wuppertal.de

Universität Wuppertal - QSL - Gaußstraße 20- 42119 Wuppertal

Prof. Ralf Koppmann (PERSÖNLICH)

### Auswertungsbericht Lehrveranstaltungsevaluation an die Lehrenden

Sehr geehrter Herr Prof. Koppmann,

Sie erhalten hier die Ergebnisse der automatisierten Auswertung der Lehrveranstaltungsevaluation zur Veranstaltung "Introduction to Atmospheric Physics"

Fragebogen Typ VOR\_E:

Der zuerst angegebene Globalindikator setzt sich aus folgenden Skalen des Fragebogens zusammen:

- Presentation of the learning material
- Structure
- Supervision / Support
- Overall evaluation
- Motivation
- Personal data

Als nächstes werden die einzelnen Mittelwerte der oben genannten Skalen aufgeführt.

Im zweiten Teil des Auswertungsberichts werden die Mittelwerte aller einzelnen Fragen aufgelistet.

Der Wert 1 kennzeichnet aus Sicht der Studierenden eine maximale Veranstaltungsgüte, der Wert 5 eine minimale Veranstaltungsgüte.

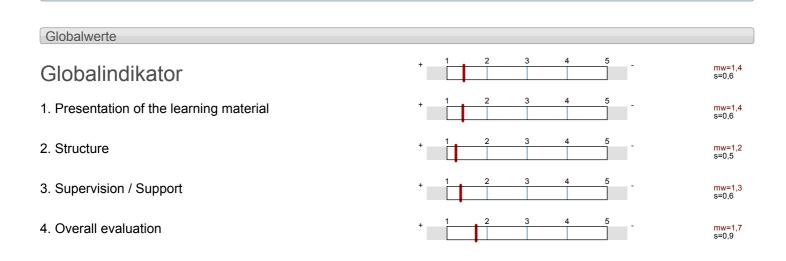
Diese Nachricht gilt gleichzeitig als Bescheinigung dafür, dass eine Lehrveranstaltungsbewertung für die o.g. Veranstaltung durchgeführt wurde.

Mit freundlichen Grüßen Ihr QSL-Team

## Prof. Ralf Koppmann



Introduction to Atmospheric Physics (D0718\_1516\_527) Erfasste Fragebögen = 11



#### Auswertungsteil der geschlossenen Fragen

Legend	Relative Häufigkeiten der An	tworten Mit	elwert						
Fragetext	Link	25% 0%	50%	0%	25%	Pe	chter Pol		n=Anzahl
Ū						, inc			mw=Mittelwert s=StdAbw. E.=Enthaltung
			3	4	5				LLinnanung
		Skala	-	istogram					
1. Presen	tation of the learning material								
			63,6%	27,3%	9,1%	0%	0%		
<sup>1.1)</sup> The aim beginnir	of the course was clear from the very	completely	00,07		0,170	0,0		not at all	n=11 mw=1,5
20g	9.								s=0,7
			1	2	3	4	5		
<sup>1.2)</sup> By the e	nd of the semester, the aim of the course	completely	60%	20%	20%	0%	0%	not at all	n=10
had bee	n achieved.	completely		•				not at an	mw=1,6 s=0,8
			1	2	3	4	5		
<sup>1.3)</sup> Each se	ssion adequately made reference to the covered in the last session.	completely	81,8%	18,2%	0%	0%	0%	not at all	n=11 mw=1,2
material									s=0,4
			1	2	3	4	5		
<sup>1.4)</sup> The inst	ructor made sure that students understood		54,5%	45,5%	0%	0%	0%		n=11
	ning material	completely						not at all	mw=1,5 s=0,5
			1	2	3	4	5		
<sup>1.5)</sup> The exp	lanations provided by the instructor were	completely	63,6%	36,4%	0%	0%	0%	not at all	n=11 mw=1.4
compret	nensible.	. ,							mw=1,4 s=0,5
			1	2	3	4	5		

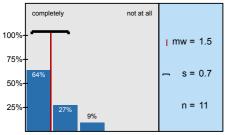
1.6)	The instructor appeared to be well-prepared.	completely	72,7% 27	2	3	0%	0%	not at all	n=11 mw=1,3 s=0,5
1.7)	The media incorporated in the course (board, transparencies, presentations,) contributed to the understanding of the learning material.	completely	54,5% 45	2	0% 3	0%	0%	not at all	n=11 mw=1,5 s=0,5
2.	Structure								
2.1)	The course is part of a module.								
		yes 🤇						60%	n=10
		no						40%	
2.2)	This part of the module is in line with the module as a whole.	completely	66,7% 33	3,3%	3	0%	0%	not at all	n=3 mw=1,3 s=0,6 E.=6
2.3)	The material of the course corresponds to the description of the module.	completely	83,3% 16	2	0% 3	0%	0%	not at all	n=6 mw=1,2 s=0,4 E.=3
3.	Supervision / Support								
3.1)	The instructor was able to answer questions posed in class satisfactorily.	completely	90,9% 9	2	3	0%	0%	not at all	n=11 mw=1,1 s=0,3
— — 3.2)	The requirements for earning a "Schein" were clearly stated.	completely	81,8% 9	2	,1%	0%	0%	not at all	n=11 mw=1,3 s=0,6
 3.3)	There was sufficient opportunity to speak with the instructor during his or her office hours.	completely	72,7% 18	8,2% 9	,1%	0%	0%	not at all	n=11 mw=1,4 s=0,7
3.4)	In general, the instructor offered adequate assistance and support in regard to the learning of course material.	completely	45,5% 45	2	,1%	0%	0%	not at all	n=11 mw=1,6 s=0,7
3.5)	The instructor discriminates against certain students.								
		yes						0%	n=11
		no						100%	
4.	Overall evaluation								
4.1)	The overall effectiveness of this course was	very high	36,4% 54	4,5%	0%	9,1%	0%	very low	n=11 mw=1,8 s=0,9

4.2)				P	ror. Rai	г коррт	ann, , I	ntroduction to Atmo	
	In general, I found the course to be	very good	54,5%	36,4%	0%	9,1%	0%	very bad	n=11 mw=1,6 s=0,9
4.3)	The difficulty level of the material covered in this cour	se was							
		too high						0%	n=11
		perfectly right (						90.9%	
		too low (						9.1%	
4.4)	The pace at which the instructor covered course mate								
		too fast						0%	n=11
		perfectly right (						90.9%	
		too slow (						9.1%	
5.	Time expenditure								
5.1)	How often did you attend this course?								
		100%-80% (						72.7%	n=11
		79-60% (						18.2%	
		below 60% (						9.1%	
5.2)	How much time did you spend per week in order to per course or in preparation for your examinations)?	repare for this co	urse (not	taking	into a	accoun	t the a	actual time spe	nt in the
5.2)	How much time did you spend per week in order to pl course or in preparation for your examinations)?	repare for this co up to 1h (	urse (not	taking	into a	accoun	t the a	actual time spe 36.4%	nt in the n=11
5.2)	How much time did you spend per week in order to per course or in preparation for your examinations)?		urse (not	taking	into a	accoun	t the a		
5.2)	How much time did you spend per week in order to per course or in preparation for your examinations)?	up to 1h (	urse (not	taking	into a	accoun	t the a	36.4%	
5.2)	How much time did you spend per week in order to pr course or in preparation for your examinations)?	up to 1h ( up to 2h (	urse (not	taking	into a	accoun	t the a	36.4% 18.2%	
5.2)	How much time did you spend per week in order to pr course or in preparation for your examinations)?	up to 1h ( up to 2h ( up to 4h (	urse (not	taking	into a	accoun	t the a	36.4% 18.2% 18.2%	
 5.2)  5.3)	How much time did you spend per week in order to pr course or in preparation for your examinations)?	up to 1h ( up to 2h ( up to 4h ( up to 5h (	urse (not	9,1%	81,8%	accoun	9,1%	36.4% 18.2% 18.2% 18.2%	
	course or in preparation for your examinations)?	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h (		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 18.2% 9.1%	n=11 n=11 mw=3,1
5.3)	course or in preparation for your examinations)? I always prepared for the course adequately.	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h ( completely		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 9.1% not at all	n=11 n=11 mw=3,1 s=0,7
5.3)	course or in preparation for your examinations)? I always prepared for the course adequately. I had no problems finding time to follow up on the material covered in class.	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h ( completely		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 9.1% not at all	n=11 n=11 mw=3,1 s=0,7
5.3)	course or in preparation for your examinations)? I always prepared for the course adequately. I had no problems finding time to follow up on the material covered in class. Motivation I took this course (you may give several reasons)	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h ( completely		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 9.1% not at all	n=11 n=11 mw=3,1 s=0,7
5.3)	course or in preparation for your examinations)? I always prepared for the course adequately. I had no problems finding time to follow up on the material covered in class. Motivation I took this course (you may give several reasons) because I am in	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h ( completely		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 18.2% 9.1% not at all not at all	n=11 mw=3,1 s=0,7 n=10 mw=2,5 s=1
5.3)	course or in preparation for your examinations)? I always prepared for the course adequately. I had no problems finding time to follow up on the material covered in class. Motivation I took this course (you may give several reasons) because I am in becaus	up to 1h ( up to 2h ( up to 4h ( up to 5h ( more than 8h ( completely completely		9,1%	81,8%	0%	9,1%	36.4% 18.2% 18.2% 9.1% not at all not at all	n=11 mw=3,1 s=0,7

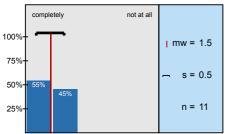
7. Personal data			
<sup>7.1)</sup> Please state your gender			
	male	81.8%	n=11
	female	18.2%	
<sup>7.2)</sup> Which "Fachsemester" are you currently in?			
	1st/2nd	54.5%	n=11
	5th/6th	36.4%	
	11th or higher	9.1%	

#### Histogramme zu den Skalafragen

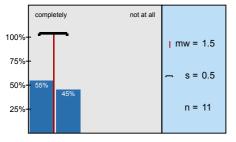
The aim of the course was clear from the very beginning.



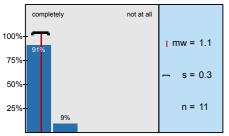
The instructor made sure that students understood the learning material



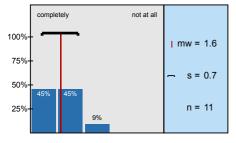
The media incorporated in the course (board, transparencies, presentations, ...) contributed to the



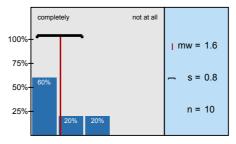
The instructor was able to answer questions posed in class satisfactorily.



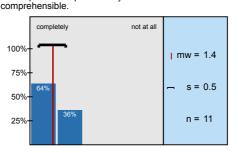
In general, the instructor offered adequate assistance and support in regard to the learning of course



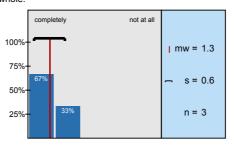
By the end of the semester, the aim of the course had been achieved.



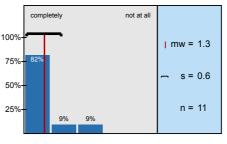
The explanations provided by the instructor were



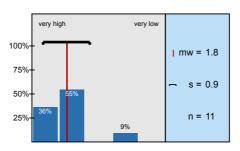
This part of the module is in line with the module as a whole.



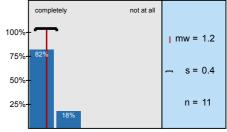
The requirements for earning a "Schein" were clearly stated.



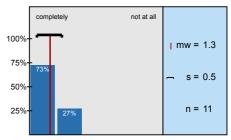
The overall effectiveness of this course was



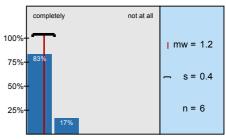
Each session adequately made reference to the material covered in the last session.



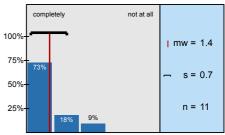
The instructor appeared to be well-prepared.



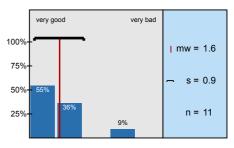
The material of the course corresponds to the description of the module.



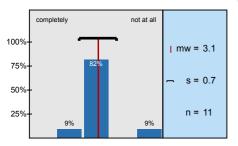
There was sufficient opportunity to speak with the instructor during his or her office hours.



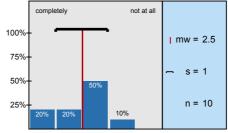
In general, I found the course to be



#### I always prepared for the course adequately.



I had no problems finding time to follow up on the material covered in class.



## Profillinie

#### Teilbereich:

Fk 4 - Physik

Name der/des Lehrenden: Prof. Ralf Koppmann, ,

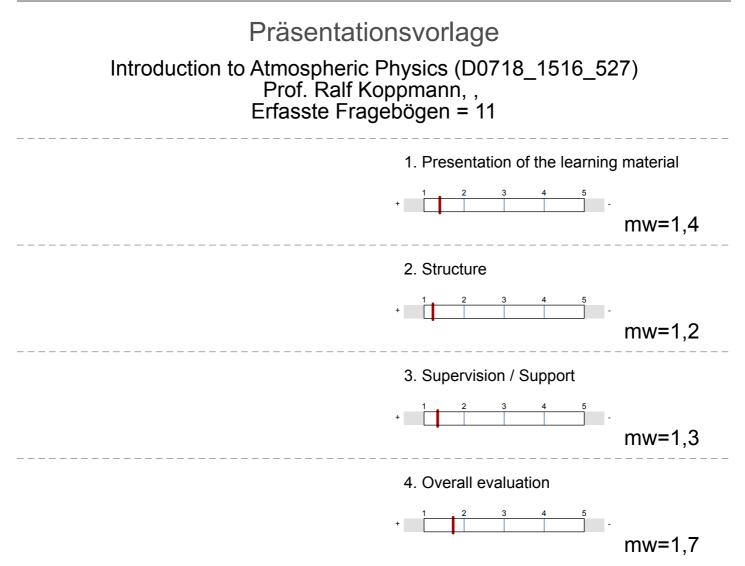
Titel der Lehrveranstaltung: Introduction to Atmospheric Physics (D0718\_1516\_527) (Name der Umfrage)

Verwendete Werte in der Profillinie: Mittelwert

#### 1. Presentation of the learning material

1.1)	The aim of the course was clear from the very beginning.	completely	not at all	n=11	mw=1,5 md=1,0 s=0,7
1.2)	By the end of the semester, the aim of the course had been achieved.	completely	not at all	n=10	mw=1,6 md=1,0 s=0,8
1.3)	Each session adequately made reference to the material covered in the last session.	completely	not at all	n=11	mw=1,2 md=1,0 s=0,4
1.4)	The instructor made sure that students understood the learning material	completely	not at all	n=11	mw=1,5 md=1,0 s=0,5
1.5)	The explanations provided by the instructor were comprehensible.	completely	not at all	n=11	mw=1,4 md=1,0 s=0,5
1.6)	The instructor appeared to be well-prepared.	completely	not at all	n=11	mw=1,3 md=1,0 s=0,5
1.7)	The media incorporated in the course (board, transparencies, presentations,) contributed to the understanding of the learning material.	completely	not at all	n=11	mw=1,5 md=1,0 s=0,5
2.	Structure				
2.2)	This part of the module is in line with the module as a whole.	completely	not at all	n=3	mw=1,3 md=1,0 s=0,6
2.3)	The material of the course corresponds to the description of the module.	completely	not at all	n=6	mw=1,2 md=1,0 s=0,4
3.	Supervision / Support				
3.1)	The instructor was able to answer questions posed in class satisfactorily.	completely	not at all	n=11	mw=1,1 md=1,0 s=0,3
3.2)					
	The requirements for earning a "Schein" were clearly stated.	completely	not at all	n=11	mw=1,3 md=1,0 s=0,6
3.3)	The requirements for earning a "Schein" were clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours.	completely	not at all	n=11 n=11	mw=1,3 md=1,0 s=0,6 mw=1,4 md=1,0 s=0,7
3.3) 3.4)	clearly stated. There was sufficient opportunity to speak with				
3.4)	clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours. In general, the instructor offered adequate assistance and support in regard to the learning of course material.	completely	not at all	n=11	mw=1,4 md=1,0 s=0,7
3.4)	clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours. In general, the instructor offered adequate assistance and support in regard to the	completely	not at all	n=11	mw=1,4 md=1,0 s=0,7
3.4)	clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours. In general, the instructor offered adequate assistance and support in regard to the learning of course material.	completely	not at all	n=11	mw=1,4 md=1,0 s=0,7
3.4)	clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours. In general, the instructor offered adequate assistance and support in regard to the learning of course material.	completely	not at all	n=11	mw=1,4 md=1,0 s=0,7
3.4)	clearly stated. There was sufficient opportunity to speak with the instructor during his or her office hours. In general, the instructor offered adequate assistance and support in regard to the learning of course material.	completely	not at all	n=11	mw=1,4 md=1,0 s=0,7

# 5. Time expenditure 5.3) I always prepared for the course adequately. completely 5.4) I had no problems finding time to follow up on the material covered in class. not at all netorial covered in class.



#### Auswertungsteil der offenen Fragen

#### 8. Further questions

<sup>8.1)</sup> Are there any other courses that cover the same material? Did you find this positive or negative?

Experimental physick I, Theoretiste physik I Pontiv

No other courses, ohay

comospheric detection with radiar.

<sup>8.2)</sup> What did you particularly like about this course? Why?

Easis to follow and a comportable atmosphere.

- material is close to retainly, that pictures and videos to further demonstrate the applications, good script ( printed )

- script accessible - many explanations of our dayly and phononenes - good på overview

- English language could be understood well. - use of media - "Anschaulich"

good are of presentation projection

Die Rombination aus "harte" Physike mit den Anschaulichen Möglichkeiten, die das Thema bietof.

# Se It's quite interesting.

very intrutive materials to describe the rolog.

Because I wanted to know about weather and atmosphere

<sup>8.3)</sup> What did you particularly dislike about this course? Why? What can be improved in the future in this regard?

late hours for leggons

- lots of trivial math - to superficial, because of s. p. - to much trivial play rice explained, more almospheric physics (e.g. conoleis/arce)

No staff.

I have not get used to German hand writing

Nothing in particular.