

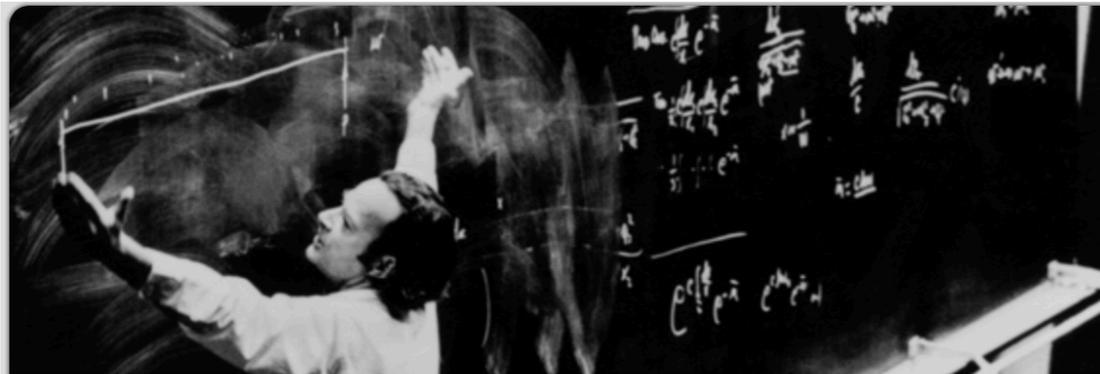
2018 GGI School on the Theory of Fundamental Interactions

Overview

Duration: 3 weeks (mon-fri), morning+afternoon

Lecturers: 6 (+ 6 tutors)

Trainees: 59 students + 6 'observers'



GGI LECTURES ON THE THEORY OF FUNDAMENTAL INTERACTIONS

Galileo Galilei Institute for Theoretical Physics
Firenze

8-26 JANUARY 2018

GGI LECTURES ON THE THEORY OF FUNDAMENTAL INTERACTIONS

8-26 January 2018

Galileo Galilei Institute for Theoretical Physics Firenze

The lectures are primarily addressed to Ph.D. students in High Energy Particle and Astroparticle Physics. Participation of post-docs is also encouraged. The aim of the school is to give a pedagogical introduction to the basic concepts and tools needed for research, covering the foundations of the subject at a deep and advanced level. Lectures will be given on the blackboard. Students will have the possibility to take exams for the courses, if requested by their doctoral school.

Thanks to the generous contribution of the COST Association via the Action "[Fundamental Connections](#)", extra funding is available to support participants from a number of target countries (see [Practical info](#) for the list). Students based in these countries are particularly encouraged to apply.

Home

Program

Practical information

Registered participants

Photo gallery

How to reach us

2014 Program

2015 Program

2016 Program

Organizers

BRANDO BELLAZZINI (IPhT CEA-Saclay)
MARCO CIRELLI (LPHE CNRS Jussieu)
STEFANIA DE CURTIS (Florence U. & INFN)
ANDREA DE SIMONE (SISSA & INFN)
MASSIMILIANO GRAZZINI (Zurich U.)
MICHELE REDI (Florence U. & INFN)
RICCARDO TORRE (INFN, Genova & CERN)
ENRICO TRINCHERINI (SNS & INFN)



website: <http://webtheory.sns.it/ggilectures2018/index.php>

Lecture topics

Action WGs:

CSABA CSAKI (Cornell U.)

Topics on physics beyond the Standard Model

WG2 - Beyond the Standard Model

LANCE DIXON (SLAC)

Amplitudeology

WG1 - Precision Predictions at the Energy Frontier

GIOVANNI RIDOLFI (Genova U. & INFN)

An introduction to the standard model of electroweak interactions

ANTONIO RIOTTO (Geneva U.)

Inflation and cosmological perturbations

WG5 - Dark Matter, Dark Energy and Baryogenesis

IRA ROTHSTEIN (Carnegie Mellon U.)

New Applications of Effective Field Theory

TRACY SLATYER (MIT)

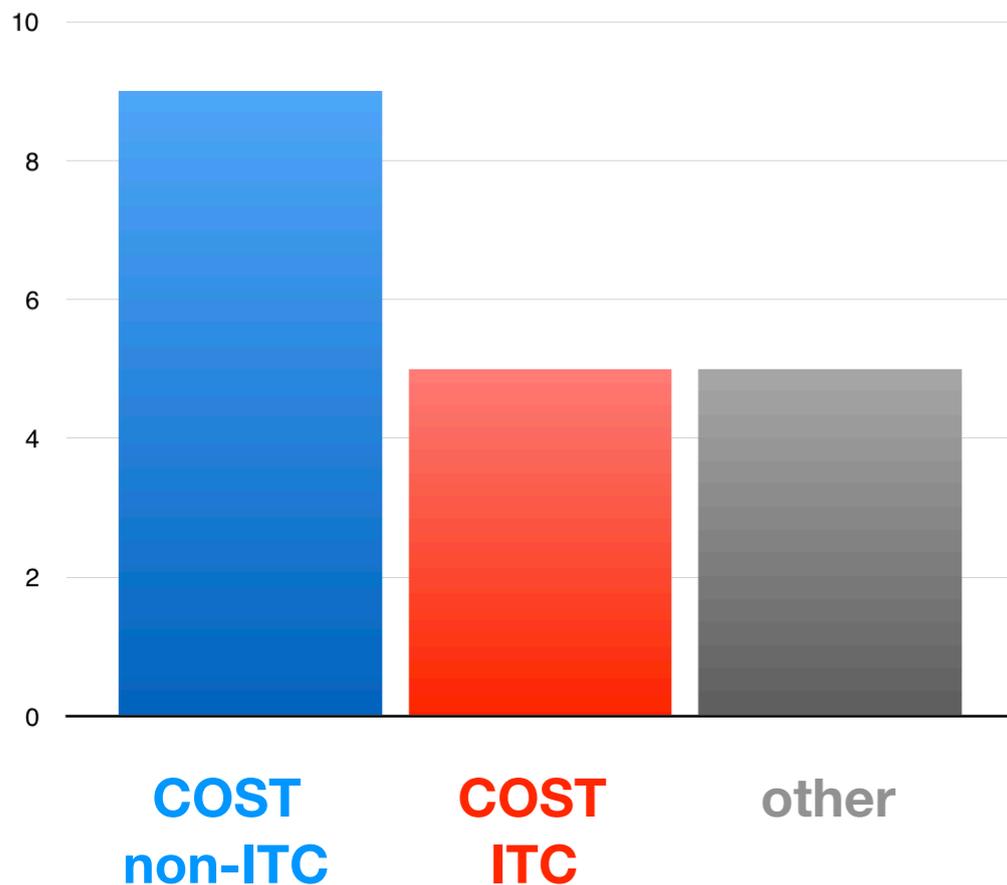
Dark Matter

WG5 - Dark Matter, Dark Energy and Baryogenesis

2018 GGI School on the Theory of Fundamental Interactions

Overview: countries

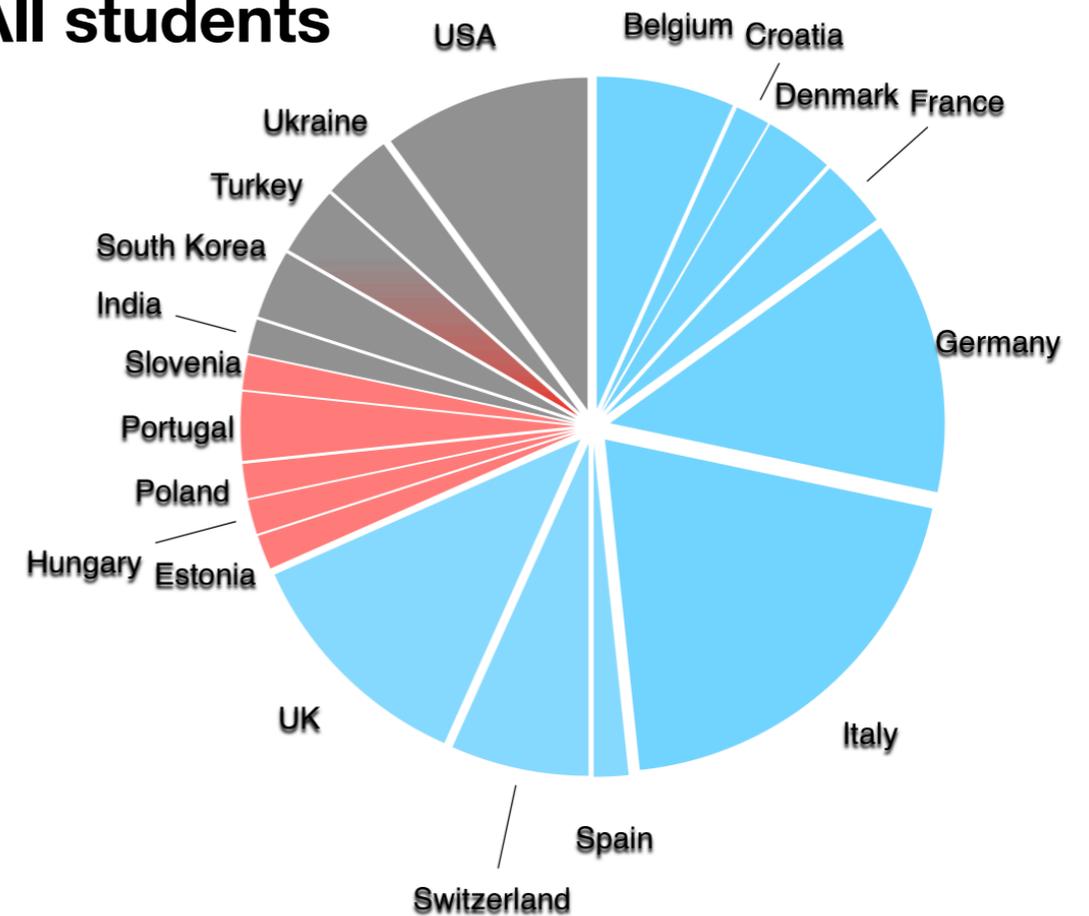
19 countries in total



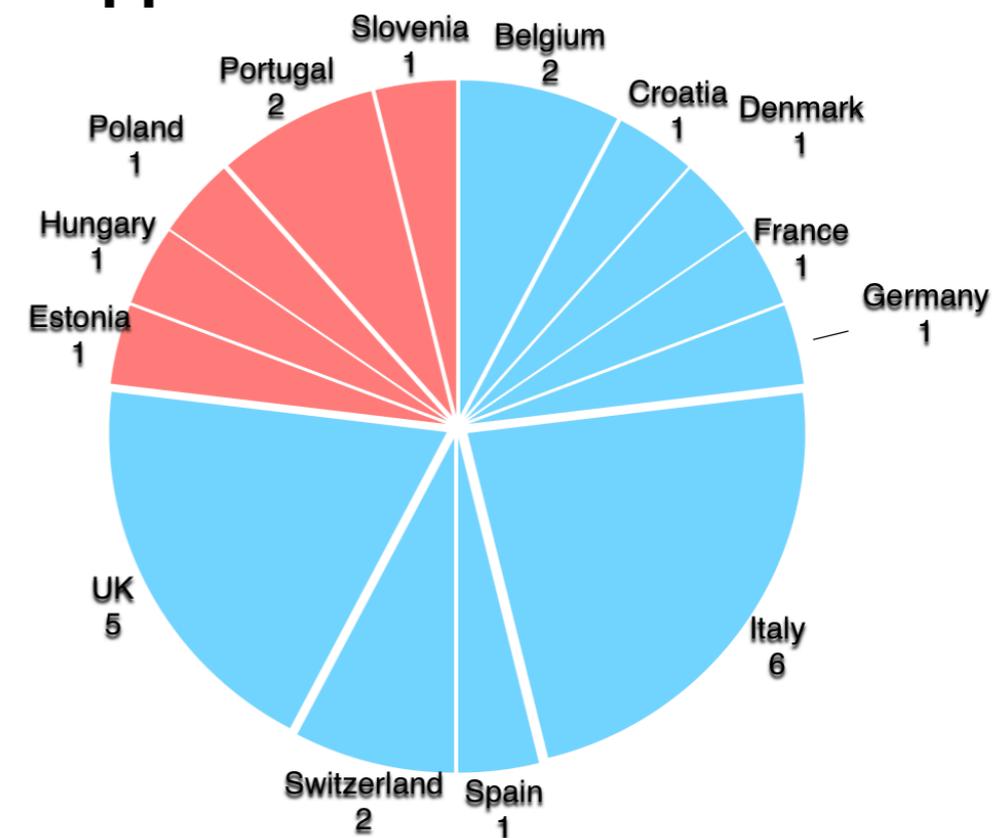
Geographical spread includes less research-intensive **COST Member States**. They are entitled **COST Inclusiveness Target Countries (ITCs)**:

- Bosnia-Herzegovina, Bulgaria, Cyprus, Czech Republic, Estonia, Croatia, Hungary, Lithuania, Latvia, Luxembourg, Malta, Montenegro, Poland, Portugal, Romania, Slovenia, Slovakia, the former Yugoslav Republic of Macedonia, Republic of Serbia and Turkey.

All students



COST-supported students



♀: 21% ♂: 79%

2018 GGI School on the Theory of Fundamental Interactions

Budget

GGI Lectures 2018 - Global budget		
GGI	Expense	Max
Lecturers & Tutors	€15 122,00	
Grants to students	€5 360,00	€9 578,00
Miscellanea	€5 300,00	
TOT	€25 782,00	€30 000,00
COST		
Grants to students	€10 250,00	
TOT	€10 250,00	€10 650,00

GGI Lectures 2018 - Students				
#	Last Name	First Name	GGI Grant	COST Grant
1	Francesco	Sgarlata		€410,00
2	Alessandro	Podo		€410,00
3	Matteo	Presilla		€410,00
4	Joel	Mabillard		€410,00
5	Massimo	Alacevich		€410,00
6	Gabriele	Franciolini		€410,00
7	Domagoj	Leljak		€410,00
8	Jeong Yeon	Yook		€410,00
9	Luca	Mantani		€410,00
10	Emma	Slade		€410,00
11	BERNIGAUD	Jordan		€410,00
12	Andreas	Helset		€410,00
13	Calum	Milloy		€410,00
14	Ricardo	Stark-Muchao		€410,00
15	Stefan	Stelzl		€410,00
16	Lorinc	Szikszai		€410,00
17	Taavi	Tuvi		€410,00
18	Michal	Iglicki		€410,00
19	Bernardo	Gonçalves		€0,00
20	Aleks	Smolkovič		€410,00
21	Herschel	Chawdhry		€410,00
22	João	Seabra		€410,00
23	Benedetta	Belfatto		€410,00
24	Veronica	Guidetti		€410,00
25	Zhengwen	Liu		€410,00
26	Plenter	Judith		€410,00

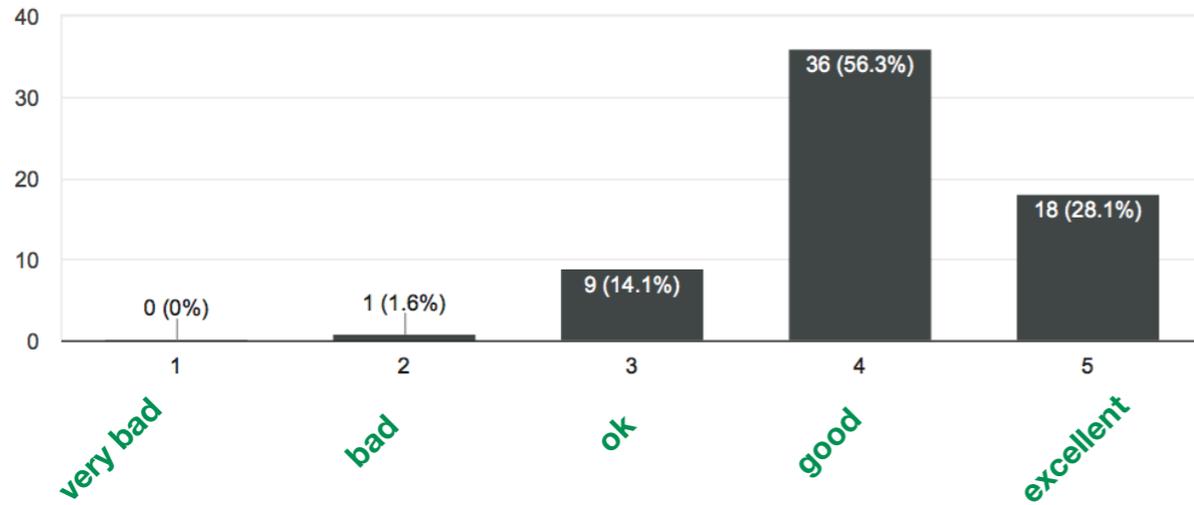
(Full list of participants
on the website)

2018 GGI School on the Theory of Fundamental Interactions

Overall quality

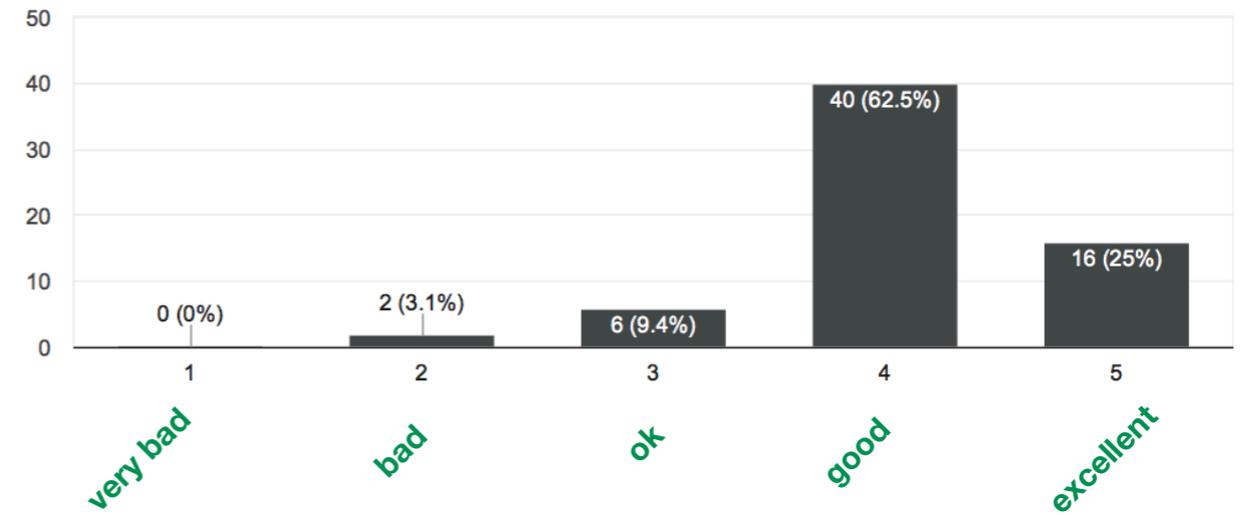
How do you rate the overall quality of the School?

64 responses



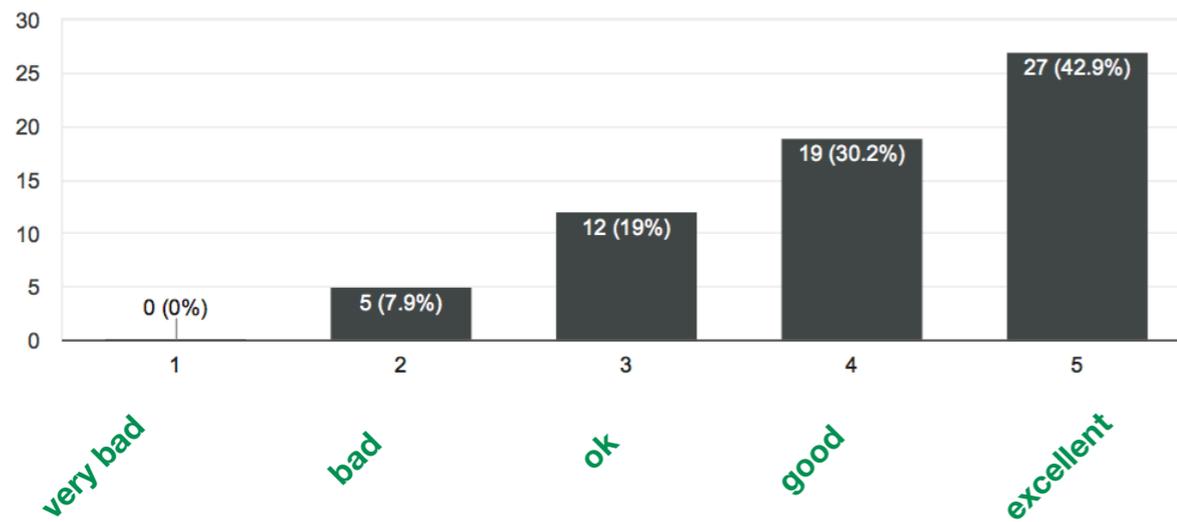
How do you rate the overall quality of the lectures?

64 responses



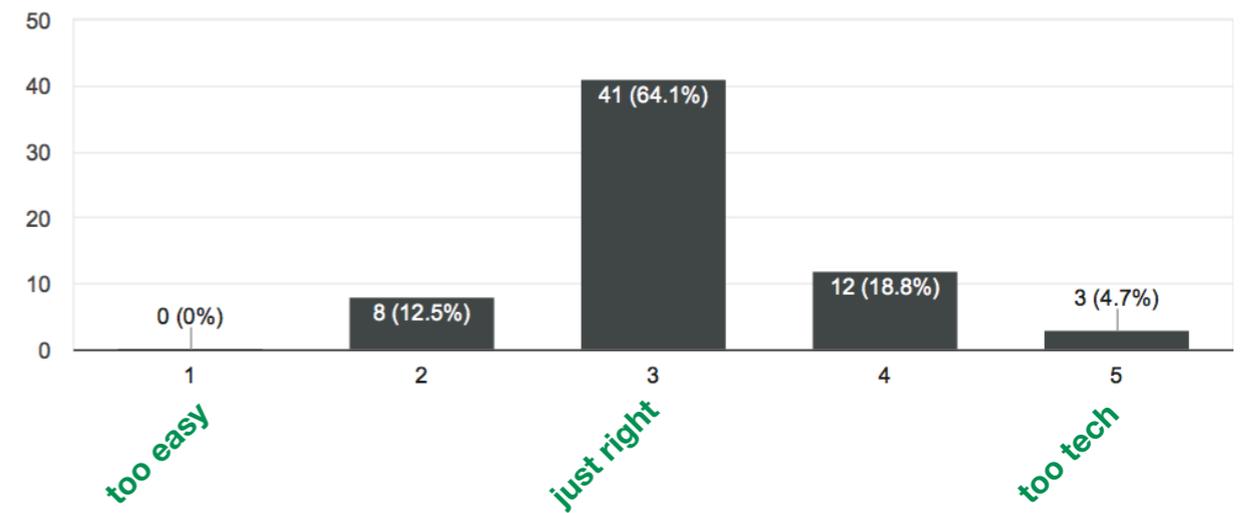
General organization

63 responses



How do you rate the level of technical details provided by the lectures?

64 responses

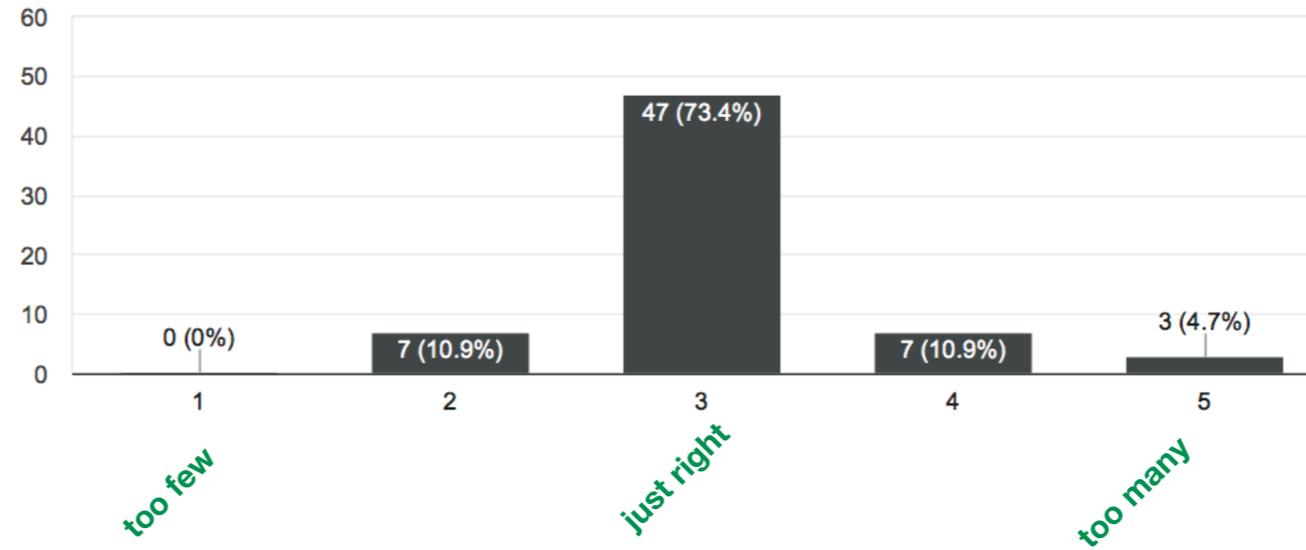


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Work load

What is your opinion on the amount of lectures?

64 responses



What is your opinion on the amount of tutoring sessions?

63 responses

