



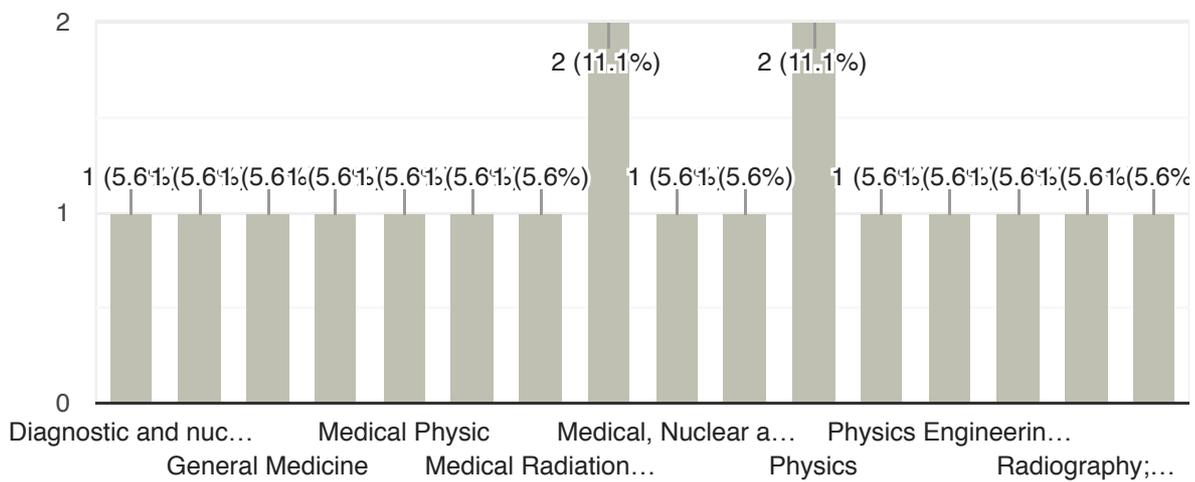
## IFMP Student Survey 2019 in Plovdiv



18 responses

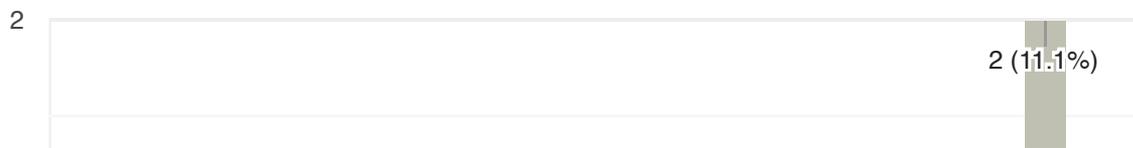
### What discipline did you study?

18 responses



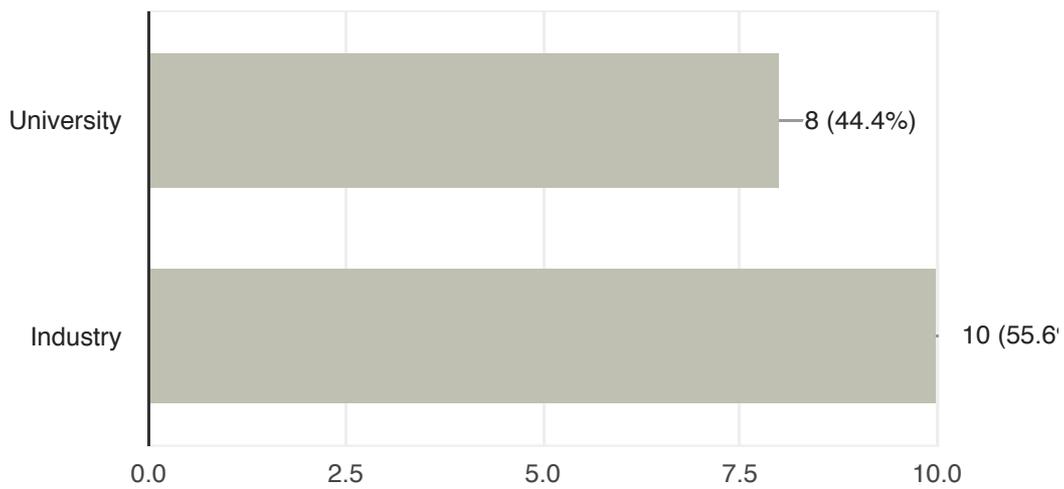
### What is your current position?

18 responses



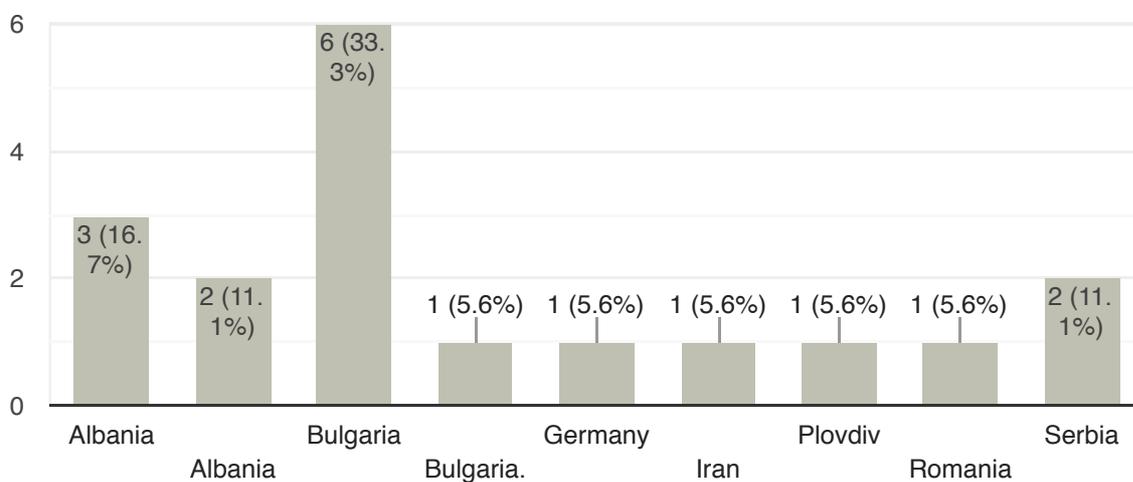
## What is your current employer

18 responses



## Which country are you currently employed in?

18 responses



## Please describe briefly your career path

18 responses

I have done Bachelor degree for Physics Engineering and Master Degree for Medical Physics.

I finished my undergraduate studies in medical physics in Romania, then followed a Masters programme in Biomedical engineering at Imperial College in London. After finishing the programme I got a job in Romania in the Radiotherapy department where I work as a dosimetrist as well as a medical physicist (treatment plans and quality assurance).

I started working in Nuclear Medicine department in May 2019. This is my first job. I graduated in Medical Faculty in October 2018.

Employer: Clinical Center of Serbia, Belgrade

Type of business: Medicine

Job function: Solving problems (failures/poor performance) with variety of medical technical equipment (on-site engineering)

Exact title of post: Engineer for medical equipment maintenance

Start date - End date:2003-08-2011-03

Employer: Clinical Center of Serbia, Belgrade

Type of business: Medicine

Job function: Provided internal service, organized and professionally processed service for more than hundred (ultrasound, X-ray, gamma cameras, PET) devices

Exact title of post:Chief engineer for maintenance and engineering of radiology and nuclear medical equipment

Start date - End date:2006-03-2011-03

Employer: Clinical Center of Serbia, Belgrade

Type of business: Medicine

Job function:QC/QA manager for radiation protection, nuclear security, technical and technological aspects.

Exact title of post: Head of radiation protection activities and quality control of nuclear medical devices, Radiation protection officer, Nuclear security officer.

Start date: 2011-03

Description of work: Responsible for organization and supervision of radiation protection and nuclear security activities for all sealed and unsealed sources and for all QC/QA activities (protocols, procedures, training, technical support and control, turnover of radioactive material, devices/technical supplies procurement).

Research associate for electronics, telecommunications and information technologies of the Institute of Nuclear Sciences "Vinca", from 2016-07.

The most important thing when it comes at professional life it is related to the ambition and the hard work you make toward the objectives you put yourself since the begging of your career. In my point of view it is absolutely important to be organised and with a detailed plan structured till the little details, as well as sometimes being able to undertake risks. Having vision and patience is also an important key of success.

In 2012 I joined the "Medical physics" Bachelor program at the University of Sofia. During my BSc studies I get fascinated of the nice properties of the Hadron therapy and its application in cancer treatments and prepared and successfully protected a BSc thesis on "Hadron therapy". Then I joined MSc program in Medical physics and became even deeper involved in the this field. I performed some GEANT4

simulations of proton and heavy ions beam hitting a water phantom and successfully protected MSc thesis "Monte Carlo simulation of linear energy transfer of protons and light ions".

Since July, 2018 I have been enrolled as a PhD student of Biophysics in the Atomic Physics Department at the Faculty of Physics of Sofia University "St. Kliment Ohridski".

JINR, Dubna , Russia (Physicist - one year); Regional health inspection, Bulgaria (Physicist - two years)  
;The University Hospital St. Marina, Varna, Bulgaria (Physicist - 2016 - till now)

I am still only studying at the Sofia University and currently working on my master's degree. As for the future, I would like to chase a career in the field of the Medical Physics.

Working as engineering assistant

I want to advance in my field and continue my education

At my last job, I worked in a private company in the field of radiation measurements and protection, and personal radiation protection.

Before that, I worked as a medical physicist in the field of radiation protection and QC measurements in diagnostics.

Diagnostic radiographer in clinical setting and research setting for approximately 11 years, Application Support specialist since 1 year

I have study Physics Engineering and Profesional Master for Medical Physic

Physicist with interests in medical physics, PhD in the field of radiation protection and dosemetry of eye lens in interventional radiology, medical physicist in the field of nuclear medicine

After I finished my studies I applied for a job with a CV.

Now I'm working like a biomedical engineering

I am a student at the moment and I just got my first job as a barista in Starbucks, so I don't have any experience in the science field yet.

2010 Technical specialist - furniture, design and production equipment

2013 Multimedia Specialist - Work with multimedia projectors, microphones and sound equipment; software and hardware support. Technical support during events, conferences, forums, etc.

2017 Technical support of high-tech simulation equipment.

Ensuring the technological simplicity of simulators and assisting in conducting demonstrative and practical training.

Developing software for embedded systems in home automation

## Please detail what you consider the main turning point(s) in your career

18 responses

Organisative

I switched the Physics domains from biomaterials (undergraduate) to biomechanics (masters) and now

I'm working in radiation therapy. I like to study multiple fields and then try to connect them. I also want to start doing a PhD as soon as possible, and that might be a future turning point.

I can not say, I only have 4 months of work experience

My career goes graduated, slowly but firmly.

-Knowledges, hardworking, collaboration and creative skills as well as being solution oriented.

The first turning point was when I started researching hadron therapy.

At this point I do not have main turning point in my career.

I will be starting my career after I finish my master's degree in Medical Physics due to which I cannot define such points still.

The graduation

Work hard to reach the goal

(Could be) Starting a position as a PhD student after a long break from academia. I am still analysing that.

My experience as a research radiographer

For now i am working in telecommunications company and for this reason i don't have any main points in my career like Medical Physics

PhD

No turning pointa. After finishing my education, I started working in the field

I don't know yet

The decision to enroll in medical physics thanks to inspiring contact with Professor Slavik Tabakov.

It was when I realized that the job in biomedical engineering in industry was not what I expected and I had to change my path to programming

## In your mind, what are key characteristics of an academic career?

18 responses

To study hard

An academic career should be demanding and engaging and also involve a degree of multidisciplinary so that it can bring something innovative to the field.

I can not say

Luck about appropriate condition settings (personnel and technical), self-discipline, persistence,

responsibility, systematic approach.

- Knowledges, dignity, leadership skills and a real influencer (able to make an positive impact in the industry you are specialised) .

Studying the relevant area, meetings with leading experts and work on projects in the area.

Patience, perseverance, curiosity and upgrading.

I cannot define them.

Willingness , determiny and hard-working

Interest

Experimental and independent work;

Applying a different approach to your work;

Innovation work;

Work with motivated people;

Contacts with people with the same interest;

No chance to be bored from your work, since there are so many not explored field;

Less pressure (than private companies) to commercialise your work.

Excellent theory preparation, Good teaching and presentation skills, Participation in international projects and accademic collaborations worldwide

Always open to learning new facts and acquiring new knowledge. Friendly with staff and pacient.. Hard working..

Huge work and possibility to think not only about routine work.

The constant change of focus due to the exponential developments occuring in Physics.

You don't get bored, because you need to constantly learn something new

I am not in the academic career directly, but i think a lot of team work and dedication to the field of work.

To apply the theory into practice; to make presentations in class order to gain soft skills

## In your mind, what are key characteristics of a business/industry career?

18 responses

Organisative skills, managment, work hard

An industry career offers the sense of stability money-wise, yet it can become a routine in some fields.

I can not say

Luck about appropriate condition settings (personnel and technical), self-discipline, persistence, responsibility, systematic approach, as well. The rules of the game are more serious, more adjustment is needed (but salary could be much higher!).

1- Taking risks and having vision about tomorrow. 2- Challenging yourself with new positions and being successful. 3- Being able to turn your failures into your next successes.

I don't know.

Quick adaptation to workflow and flexibility.

I cannot define them.

Knowledge , creativity and adjustment to market

Expertise in the profession

To be honest, at that moment, I think that you can find more or less the same things as academia (I know it is not applicable for all positions). May be could be even better - funds and resources issues. But worst because of pressure to sell and commercialise your work.

Excellent engineering skills and good communication skills

Insistent and always trying to succeed

More money, but still if you want you can be involved in the science.

The stability and the constant wage received every month.

You have a fixed salary

The high level of innovation and advanced equipment. High level of efficiency and realisation from the scientific product and its implementation into practice.

To keep up with the time limit that is set to perform a particular task

**Please provide a rough estimate of your annual salary (EUR)**

18 responses

...

6500

6000

12000

84000 EUR

3000 eur

I have no right to discuss.

I am not currently working and I am still a student.

4000

Annual salary 1900 (EUR)

3000 + 500 EUR Note: PhD scholarship + some extra job money

50 000

600

\*

4000 €

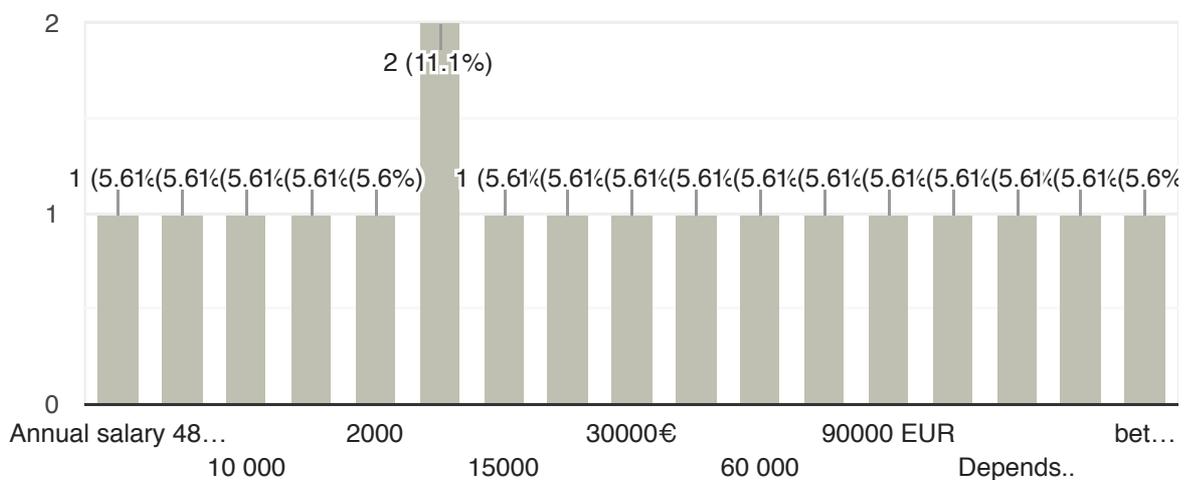
3600

between 5 000 - 7 000

30000

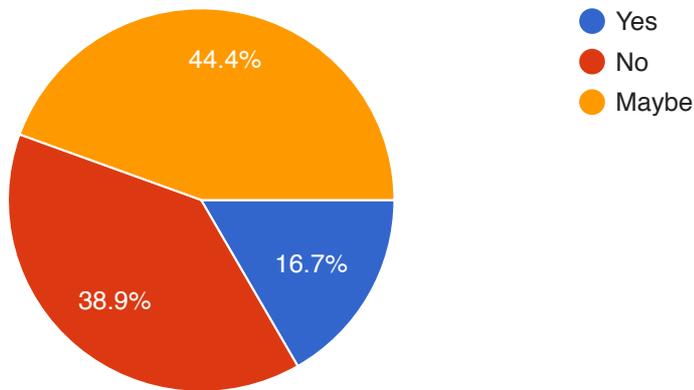
## What do you think is an adequate annual salary for someone in your position and country of employment (EUR)?

18 responses



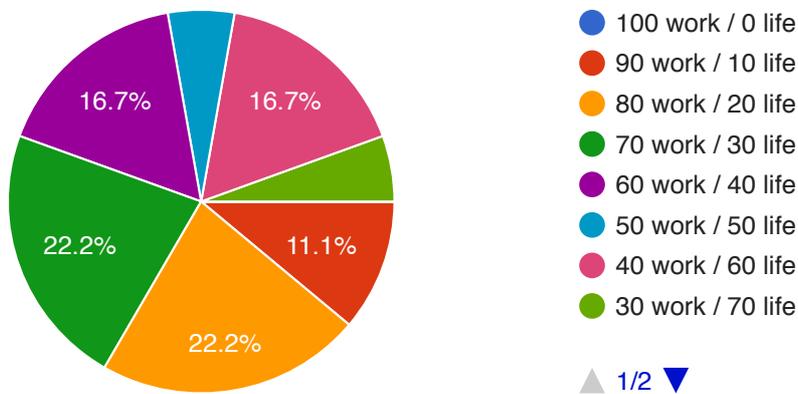
## Would you say that it is harder for women to reach your current professional level?

18 responses



## Please rate your estimated work - life balance

18 responses



## What would you do differently if you could start over again?

18 responses

Nothing

....

I would probably start a PhD right after Masters and continue a career in research.

Choose another industry maybe, but I am too much linked now, and in many ways, like my working activities (I have students as well, cooperated with "Vinca" institute, travel..)

Maybe consider do be more outgoing person and enjoy time with friends

I'm content with my choices and I would not change it.

I would participate in more internships during my studies.

Nothing.

Scientific research

I study physics better than now and start experimental physics

I would take more time for learning foreign languages. I would like to take as much as possible experience - in the country and internationally.

I would not start my PhD at the current place.

Participate in more international conferences and workshops in order to improve both my knowledges and networking

More practice in hospital

I would work as a medical physicist from the beginning. I would move to London.

I don't know yet

I will start earlier with bachelor degree in physics

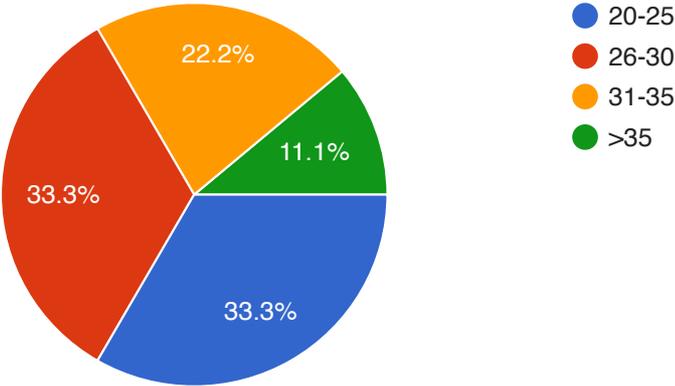
I would have try harder to look for PhD in biomedical engineering in EU.

## What is your gender

18 responses

# What is your age ?

18 responses



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