



**Report: 3<sup>rd</sup> Edition RJPG  
June 15<sup>th</sup> 2018**

**Venue: Gre-En-ER, Grenoble**

## The organizing committee

The aim of the RJP 2018 was to gather the young physics researchers of Grenoble in a full-day meeting organized by a group of young researchers. Laetitia Marty and Claude Chapelier from SFP section Alpes, assembled a small group of PhD students to carry out the task:

- KAPOOR Akanksha (CEA-INAC)
- VAISH Nitika (Institut Néel)
- KUMAR Aashutosh (Institut Néel)
- BOURDET Leo (CEA-INAC)



The success of the meeting was possible thanks to the support from our sponsors:

- SFP
- Ecole doctorale de physique
- Foundation Nanoscience
- Institut Néel
- CEA-INAC
- LNCMI

It is also important to mention the significant help received from the SFP secretary Muriel Martinez, SFP treasure man Pierre Molho, and Maxim Harazi, member of young SFP, for his constant support throughout. Poster and Website was designed and updated by the committee members.

## Aims & Objectives

The RJP committee organized a one day conference for PhD and Post-doctoral students that took place in mid of June and it was free of charge for all the participants. The following three keywords: networking, interdisciplinary, and pedagogy were the primary focus of this event.

An important goal of the RJP Grenoble was to give young researchers the opportunity to gain a comprehensive understanding of the research performed in and around Grenoble while, at the same time, providing the framework for the possible creation of a strong network of young physicists in the city. This is critical as current PhD and Post-doctoral fellows will one day move to different national and international institutions. The RJP intended therefore to lay the foundation for future collaborations and to increase the international visibility of Grenoble. Furthermore, the RJP is a great chance for young scientists to train their scientific communication skills without being intimidated by the expertise of permanent researchers.

## Event description

The Grenoble's third « Rencontres des Jeunes Physicien-ne-s (RJP) » edition took place on the 15<sup>th</sup> June 2018 in Gre-En-ER conference room. The event hosted more than 120 PhD students, Post-Doc and internship students. Hervé COURTOIS and Maxim HAZARI opened the day before joining the event as honored spectators.

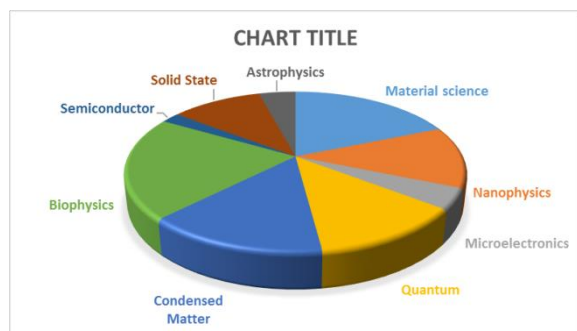
The day continued with 12 oral presentations given by non-permanents covering a large spectrum of topics (Cosmology and subatomic physics, biophysics, experiments with synchrotron radiation and neutrons, nanoelectronics, material science, quantum physics, magnetism, fluidics ...) and representing 12 different labs. The Stephen Hawking's book "A brief history of time" was given as a gift to each of the 12 speakers as a reward for their participation.

The highlight of this year's RJP was the inspiring talk delivered by the keynote speaker, Professor Alain RIAZUELO from University of Astrophysics, Paris, who gave a tribute to Stephen Hawking.

With the intention to make the event more fruitful, we organized a session of science "Quiz" to break the ice between the participants. The idea was to give them some interesting questions submitted by the participants themselves during registration and asked them to solve it in groups so that they interact with their fellow participants. Later on, the best answers (most interesting) were chosen and put on the website.

In order to promote the event for the next sessions, we hired a professional cartoonist (Zélie Tournoud, who is also a PhD student at SIMAP). Throughout the day she made one funny drawing of each oral presentation, that were later put on the Facebook page of the event. The drawings can be reused for promotion (an article in "Les Reflets de la Physique" is in preparation).

Three poster sessions took place during the coffee break and to close the day there was a convivial post-event session following the prize ceremony. This completed the good atmosphere created during the day, based on scientific and experience exchanges between the young physicists.



## Public feedback

In order to make further improvements to this event we asked the participants for their opinion.

	Very Good	Good	Poor
<b>Overall experience</b>	30%	70%	0
<b>Exhibition area/venue</b>	47%	47%	6%
<b>Quality of the food</b>	29%	49%	22%
<b>Communication by the organizers</b>	50%	44%	6%
<b>Impact of the talk by Keynote speaker</b>	31%	52%	17%

In general the “Rencontres des Jeunes Physicien (ne) s” was very well appreciated, and there is already a good starting point for the next year along with some possible improvements.

## Final budget and balance

The RJP event intended to bring together as many young researchers as possible to a free admission meeting where fruitful discussions and interaction could happen. We estimated our possible expenses based on the budget from the RJP 2017 event (9700 euros) considering at the same time the challenge of gathering even more people than the previous year. This was possible thanks to the financial support received from laboratories, foundations and companies of Grenoble.

The final budget and expenses were as follows:

Financial Budget				Expenses	
Foundation Nanoscience (to get)	2000	Venue	Gratuitment		
Ecole Doctorale De Physics	500	Goodies	988		
Institut Néel	720	Catering	1970		
CEA-INAC	750	Keynote speaker	286		
LNCMI	500	Prizes	468		
<b>Gre-En-ER</b>	<b>Venue</b>	Coffee break	156		
<b>TOTAL TTC</b>	<b>4470.00</b>	Drinks during Poster	117		
		Communication	129		
		Zelie's drawings	300		
		<b>TOTAL TTC</b>	<b>4414.00</b>		

Unlike other sponsors, the funds are yet to be received from Nanoscience Foundation. Initially, the committee requested 2500 euros to the foundation, however considering the budget, we would now like to request 2000 euros to the foundation. The overall success of the event serves as a strong motivation to continue the RJP in Grenoble and to come up with an even more successful and fruitful editions.