

Bienvenue à la conférence des Rencontres des Jeunes Physicien·ne·s 2021

Welcome to the Young Physicists' Meeting 2021 conference

Tuesday, Wednesday and Thursday from 2pm



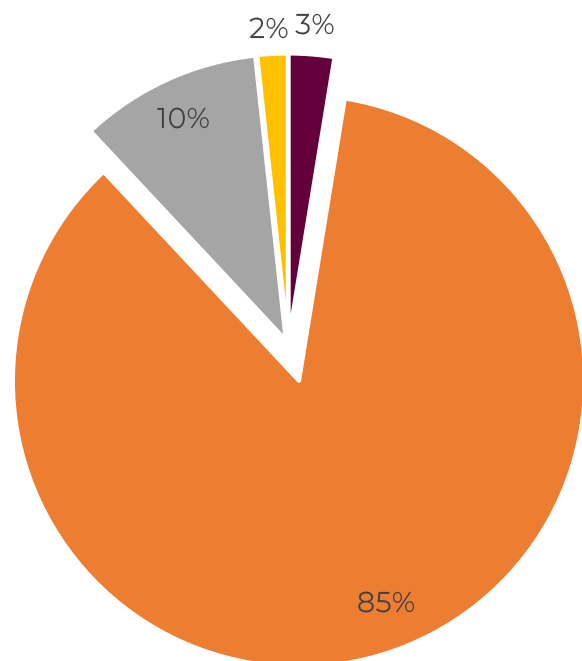
**Société Française
de Physique**

8th edition of the conference!

- Information: <https://rjp-paris.jeunes.sfpnet.fr> and <https://indico.in2p3.fr/event/23582>
- Contact: rjp-paris@sfpnet.fr
- Social network: Twitter @RJP_Paris #RJP2021
- [Advertisement] Discord PhD Students <https://discord.gg/EeygQS5w> (multi-disciplinary, including a Physics channel)

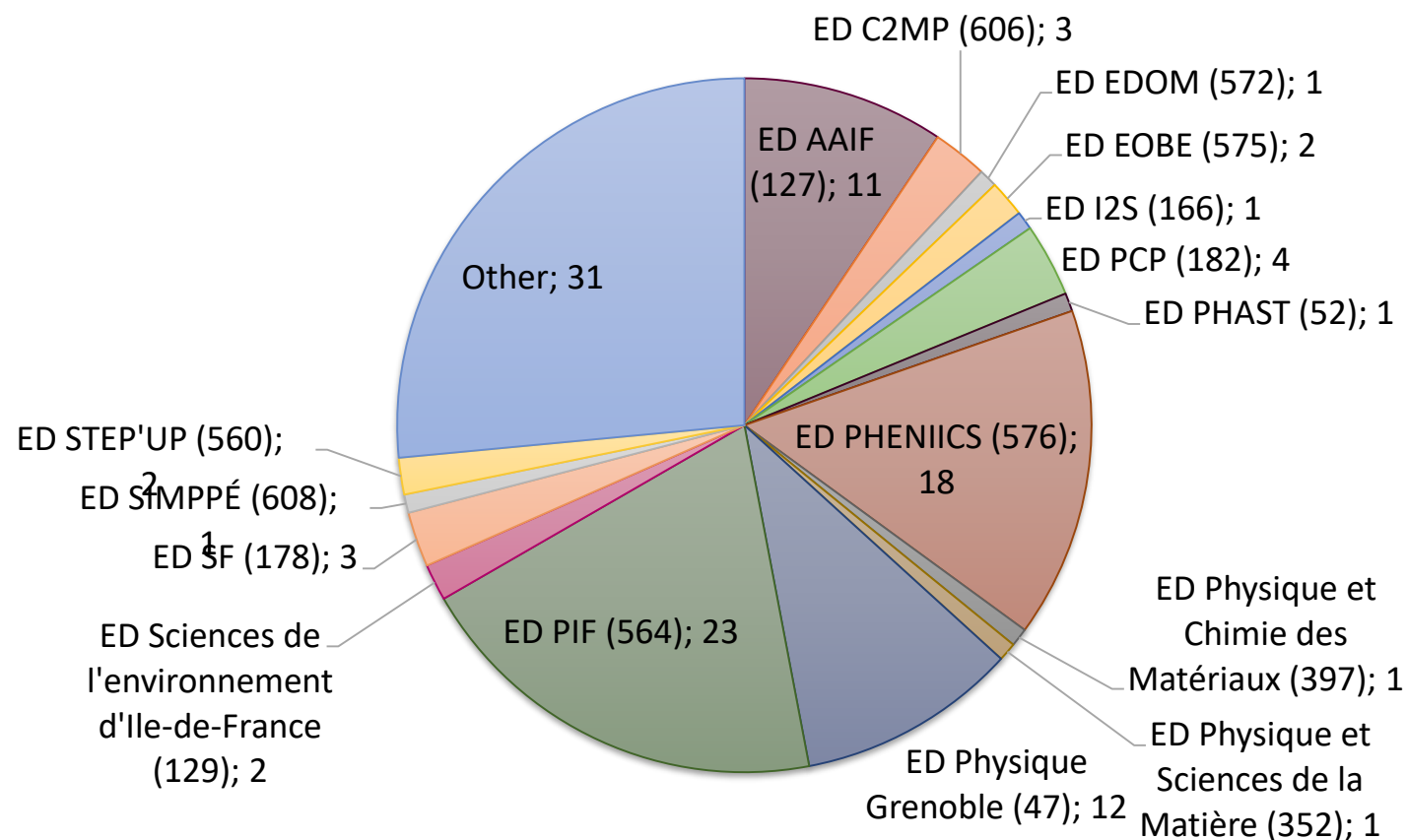


Who are you?



- Other
- PhD student
- Post-doctoral researcher
- Pre-doctoral student (bachelor, master)

This year: participants from all over France!



Online conférence on Zoom Webinar

Same link for all 3 days

How to use Zoom Webinar: <https://support.zoom.us/hc/en-us/articles/115004954946-Joining-and-participating-in-a-webinar-attendee->



Question and answer: ask question, vote for questions, comments



Chat with all/specific participants



Raise hand to request unmute (more interactive)



Program: <https://indico.in2p3.fr/event/23582/timetable/#all.detailed>

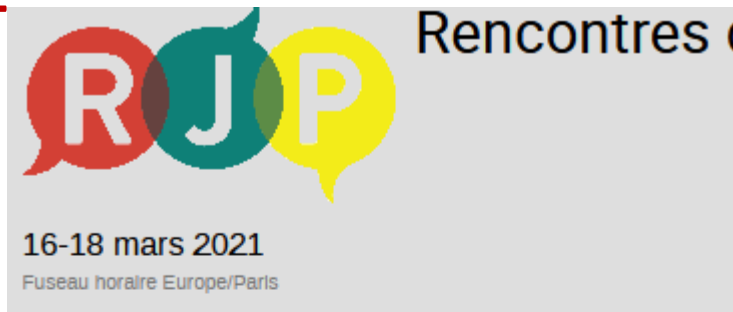


For speakers: how to upload your slides?

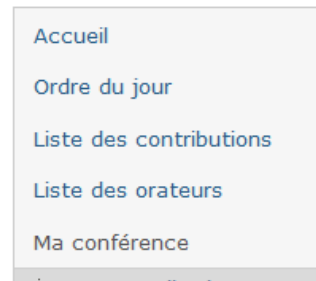
Please upload your slides before noon the day of your talk.

Please come before the session (1:45 pm) or during the break to test slide sharing / video / mic.

1



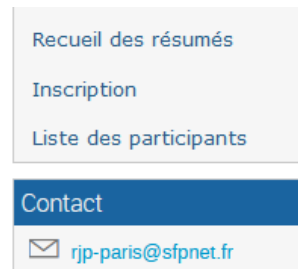
2



Mes contributions

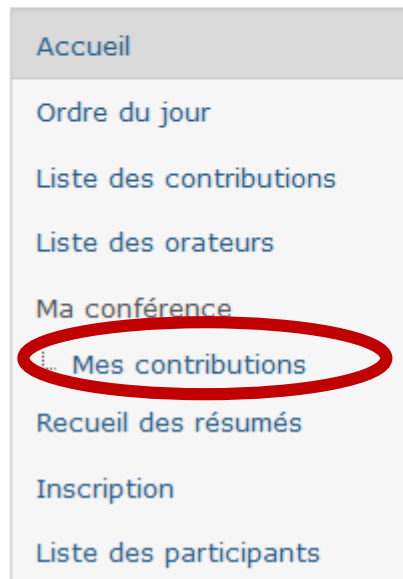
Welcome speech

3



Documents de présentation

Aucun document.



The RJP conference
members of the Yc

The conference in
the Young Research

This year's conference

You are invited to
poster (no evaluation
given by yourself at
breaks).



Posters

Poster Number	Author	Title	Room	Attendance			
				Tue 16/03 15:30 - 15:50	Wed 17/03 14:40 - 15:00	Wed 17/03 15:50 - 16:10	Thu 18/03 15:20 - 15:40
10	Vitaly Gorelov	<i>Energy Gap Closure of Crystalline Molecular Hydrogen with Pressure</i>	https://meet.jit.si/RJP_2021_posterID_10				
11	Jean-Baptiste Bodin	<i>Biocompatible photoacoustic nanoparticulate contrast agents based on BODIPY-scaffold and polylactide polymers</i>	https://meet.jit.si/RJP_2021_posterID_11				
16	Abdallah SLAOU	<i>How quantum correlations help us improve the precision and efficiency of quantum metrology protocols?</i>	https://meet.jit.si/RJP_2021_posterID_16				
20	Sameer Gupta	<i>Ab-initio study of harmful defect passivation in Se alloyed CdTe</i>	https://meet.jit.si/RJP_2021_posterID_20				
26	abdellah Tnourji	<i>Hight Granularity Timing Detector (HGTD)</i>	https://meet.jit.si/RJP_2021_posterID_26				
31	Mathieu Le Verge-Serandour	<i>Physics of embryonic cavity formation by hydro-osmotic coarsening</i>	https://meet.jit.si/RJP_2021_posterID_31				
32	Fiona Desplats	<i>Innovative Multi-Energy Deterministic Method to treat core-reflector interfaces</i>	https://meet.jit.si/RJP_2021_posterID_32				
35	Rachma AZIHARI	<i>Experimental characterization of intergranular fracture of irradiated austenitic stainless steels</i>	https://meet.jit.si/RJP_2021_posterID_35				
37	Adrian van Kan	<i>On-off intermittency due to parametric Lévy noise</i>	https://meet.jit.si/RJP_2021_posterID_37				
39	Raquel Galazo Garcia	<i>Scalar field dark matter scenarios</i>	https://meet.jit.si/RJP_2021_posterID_39				
40	soufiya MIZANI	<i>The performance of a critical review of heat transfer characteristic using nanofluid flow</i>	https://meet.jit.si/RJP_2021_posterID_40				



Tue 16/3

14:00	Welcome speech	Nicolas Dagoneau
		14:00 - 14:05
	Présentation RJP/Réseau Jeunes	M. Arnaud Raoux
		14:05 - 14:10
15:00	Stellar nucleosynthesis and superheavy nuclei in our Universe and in the lab!	Mlle Zoé Favier
		14:10 - 14:30
	Theoretical prototype of a Hodgkin-Huxley neuron with 2D nanofluidic memristors	Paul Robin
		14:30 - 14:50
	How does antimatter fall?: focus on GBAR experiment (CERN)	Olivier Rousselle
16:00		14:50 - 15:10
	Poster advertising session	
		15:10 - 15:40
17:00	Break	
		15:40 - 16:00
	Investigating dense matter using Neutron Star observations	Mlle Lami Suleiman
		16:00 - 16:20
	A new born hypothesis for the Madden-Julian Oscillation (MJO)	Masoud Rostami 
		16:20 - 16:40
	JT-60SA Tokamak Toroidal Field Coils Quench Analyses with STREAM New Analytical Model	Quentin Gorit
		16:40 - 17:00



Wed 17/3

14:00	Nonlinear neural network dynamics accounts for human confidence in a sequence of perceptual decisions <i>Kevin Berlemont</i>	
	A thin solid hydrogen target for ion acceleration at a high repetition rate <i>Jeyathanan Viswanathan</i>	14:20 - 14:40
	Break	14:40 - 15:00
15:00	Awarding of the Young Researchers' Prizes from the French Physical Society	15:00 - 15:10
	Chasing the cosmic accelerators with high energy astroparticles <i>Dr Claire Guépin</i>	15:10 - 15:30
	Crafting magnetic skyrmions at room temperature : size, stability and dynamics in multilayers <i>William Legrand</i>	15:30 - 15:50
	Break	15:50 - 16:10
16:00	Unveiling nanoscale optical and structural properties of TMD monolayers using combined electron spectroscopies tech... <i>Noémie Bonnet</i>	
	Globular clusters - Milky Way and beyond <i>Rashi Jain</i>	16:30 - 16:50
	Axion hot dark matter bound, reliably <i>Giacchino Piazza</i>	16:50 - 17:10
17:00		



Thu 18/3

14:00	Probing inflation with cosmological observations	Thomas Montandon
		14:00 - 14:20
	New coarse grained approach to study polymer networks	M. G��rald Munoz
15:00		14:20 - 14:40
	Nuclear Structure and alpha radioactivity	Florian Mercier
		14:40 - 15:00
15:00	EFT and Top quark spin observables	abdellah Tmourji
		15:00 - 15:20
	Break	15:20 - 15:40
16:00	Multi-messenger Transient Astrophysics with very-high energy gamma rays	Halim Ashkar
		15:40 - 16:00
	Survival probability of a run-and-tumble particle in the presence of a drift	Benjamin De Bruyne
16:00		16:00 - 16:20
	modeling and interpretation of spectral properties of primeval galaxies	adele plat
		16:20 - 16:40
17:00	Study of Mott materials for neuromorphic applications using a simple circuit model	Rodolfo Rocco
		16:40 - 17:00
	SHG origin in Gold Nanoantennas	Sanro Mathew
17:00		17:00 - 17:20

