DE LA RECHERCHE À L'INDUSTRIE



Career opportunities at CEA







▲□▶ ▲圖▶ ▲臣▶ ▲臣▶ ―臣 – 釣�?

GDR QCD | Hervé MOUTARDE

May 24, 2022



www.cea.fr



Who is studying QCD at CEA? Theoretical and experimental cold and hot QCD.



Career opportunities at CEA

IRFU Institute of Research into the Fundamental Laws of the Universe

IPhT Institute of Theoretical Physics



Institutos

Recruiting procedure

Some numbers

LEARN Study and applications of nuclear reactions LENA Structure of the atomic nuclei LQGP Quark-gluon plasma

Patricia Roussel-Chomaz

LSN Nucleon structure

 < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ >





Career opportunities at CEA

Job description posted on inspirehep and circulated on various mailing lists.

Institutes

Recruiting procedure

Some numbers

Candidates should send a cover letter describing their research activities and prospects, a Curriculum Vitae including a list of recent or important publications, at least two letters of recommendation, and when applicable a copy of their PhD hesis as well as the jury reports on their manuscript and/or PhD defense. Documents should be sent preferably by email to danielle.corefloces.fr (cc: herve.moutard@ccs.fr), or alternatively by postal mail to:

> Danielle CORET CEA Saclay Irfu/DPhN, Bât 703 F-91191 Gif-sur-Yvette, France

For full consideration, all application materials must be submitted by March 5 2021. The hiring committee will release the list of candidates selected for interviews at the end of March 2021. The interviews of selected candidates are foreseen in April 2021.

For inquiries, please contact Hervé Moutarde (herve.moutarde@cea.fr).

< □ > < ⑦ > < 差 > < 差 > 差 少 < ○</p>
H. Moutarde | GDR QCD | 3 / 6





Career opportunities at CEA

 Job description posted on inspirehep and circulated on various mailing lists.

Institutes

Recruiting procedure

Some numbers

2 Applications can be studied by all committee members, but each member acts as a **referee for 2-4 applications**. *Summary of application file, discussions with contact persons, research plans and adequacy with the advertised position, etc.*

> < □ > < ⑦ > < 至 > < 至 > < 至 > < 至 > < 至 > < ○ へ () H. Moutarde | GDR QCD | 3 / 6





Career opportunities at CEA

 Job description posted on inspirehep and circulated on various mailing lists.

Institutes

- Recruiting procedure
- Some numbers
- 2 Applications can be studied by all committee members, but each member acts as a **referee for 2-4 applications**.
- About 6 candidates are interviewed by the committee during 1.5 hours (talk+questions). Adapt your application to the advertised position, avoid the "fatal mistakes":
 - Unable to comment on something written on slides.

- Provide a wrong answer.
- Unable to explain one's own contribution.





Career opportunities at CEA

 Job description posted on inspirehep and circulated on various mailing lists.

Institutes

- Recruiting procedure
- Some numbers
- 2 Applications can be studied by all committee members, but each member acts as a **referee for 2-4 applications**.
- About 6 candidates are interviewed by the committee during 1.5 hours (talk+questions).
- 4 2 candidates meet the head of lrfu and staff from human resources (recruitment officers) during 1 hour. General discussion with the candidate, salary estimate, etc. The candidate ranked 2nd is usually provided a reference letter signed by the head of the institute about her/his high-level application.

(日)

3/6

H. Moutarde | GDR QCD |





Career opportunities at CEA

Institutes

Recruiting procedure

Some numbers

- Job description posted on inspirehep and circulated on various mailing lists.
- 2 Applications can be studied by all committee members, but each member acts as a **referee for 2-4 applications**.
- 3 About 6 candidates are interviewed by the committee during **1.5 hours (talk+questions)**.
- 4 2 candidates meet the **head of Irfu** and staff from **human resources** (recruitment officers) during **1 hour**.

The convener of the selection committee acts as a contact person and makes sure that all candidates benefit from the same information about the application process at each step.



What are the constraints guiding the selection committee?



Career
opportunities
at CEA

All applications are processed with some (committee-dependent) criterions.

Institutes

Recruiting procedure

Some numbers

It is my pleasure to announce you that your application for the position of hadron physics experimentalist at IRFU has passed the first selection phase, at the end of which 7 candidates have been selected. We would like to receive you for an interview to discuss in more detail on **Monday May 3rd at 16**: **CEST**. At the end of this hearing before the recruitment committee, only 2 or 3 candidates will meet Anne-Isabelle ETIENVRE, Director of IRFU, on **Monday afternoon**, **May 10th**.

The interview will take place via video conference. As soon as you confirm your availability for the proposed time slot, I will send you a zoom link.

The interviews will last 1h30 in the form of 30 minutes of a general presentation (in broad terms: who you are, what you have done, what you want to do) and 1 hour of questions. Applications will be evaluated at least with the following criteria:

- Scientific excellence,
- Scientific or technical needs, both short-term (hardware, software and data analysis, etc.) and medium-term (participation in the definition, or
 original proposals, of future experimental programs in QCD, etc.),
- · Ability to integrate into a team of physicists and engineers (the DPhN collaborates closely with the technical departments of IRFU).

The selection committee is composed of (in alphabetical order):

 < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ > < □ >



What are the constraints guiding the selection committee?



Career opportunities at CEA

Institutes

Recruiting procedure

- All applications are processed with some (committee-dependent) criterions.
- The committee always contain external members.
 Potential conflicts of interest are declared.





What are the constraints guiding the selection committee?



Career opportunities at CEA

Institutes

Recruiting procedure

Some numbers

- All applications are processed with some (committee-dependent) criterions.
- The committee always contain **external members**. Potential conflicts of interest are declared.
- Will the candidate jump to another position soon? No new position opened when someone leaves.

イロト イヨト イヨト イヨト

4/6

GDR QCD

H. Moutarde



What are the constraints guiding the selection committee?



Career opportunities at CEA

Institutes

Recruiting procedure

- All applications are processed with some (committee-dependent) criterions.
- The committee always contain **external members**. Potential conflicts of interest are declared.
- Will the candidate jump to another position soon? No new position opened when someone leaves.
- Most staff members will spend their whole career in CEA (equivalent duration of 3 big research projects?).



What are the constraints guiding the selection committee?



Career opportunities at CEA

Institutes

Recruiting procedure

- All applications are processed with some (committee-dependent) criterions.
- The committee always contain **external members**. Potential conflicts of interest are declared.
- Will the candidate jump to another position soon? No new position opened when someone leaves.
- Most staff members will spend their whole career in CEA (equivalent duration of 3 big research projects?).
- Most candidates deserve a position. The committee has to answer the question: "Is it *this* position?".



What are the constraints guiding the selection committee?



Career opportunities at CEA

Institutes

Recruiting procedure

Some numbers

- All applications are processed with some (committee-dependent) criterions.
- The committee always contain **external members**. Potential conflicts of interest are declared.
- Will the candidate jump to another position soon? No new position opened when someone leaves.
- Most staff members will spend their whole career in CEA (equivalent duration of 3 big research projects?).
- Most candidates deserve a position. The committee has to answer the question: "Is it *this* position?".
- Popular belief 1: "The successful candidate is always the local young French candidate." WRONG!

H. Moutarde | GDR QCD | 4 / 6



Status and prospects. Opportunities in nucleon structure and QGP.





Institutes

Recruiting procedure

- Context:
 - Involvement in big experimental projects at horizon 2030-35: EIC and LHCb.
 - Build associated theory/phenomenology group.
 - Age pyramid: renew and reinforce teams during the decade 2020-30.
- 5 positions opened between 2012 and 2022, including 4 recent ones (2017, 2018, 2019 and 2021).
- Expect 3 positions in IRFU until 2026 (cold and hot experimental QCD and theory). Hopefully context will not change and recruitment plan will remain stable...

Commissariat à l'énergie atomique et aux énergies alternatives DRF Centre de Saclay | 91191 Git-sur-Yvette Cedex Infu T, +330(16 00 67 38 | F, +330(16 00 67 58 4 DPINI

Etablissement public à caractère industriel et commercial R.C.S. Paris B 775 685 01

####