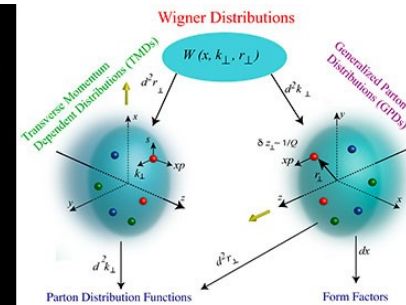
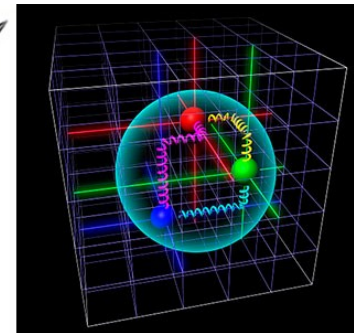
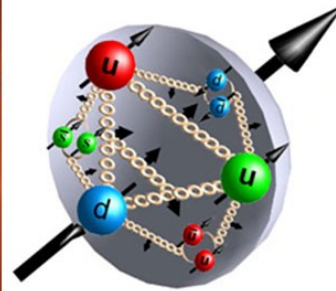
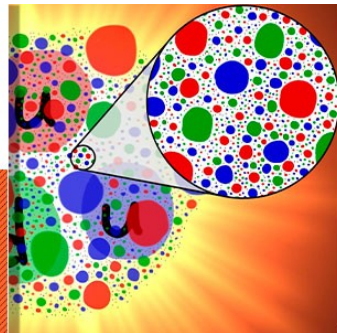


# GdR QCD WP2 Summary :

## Collective effects in nucleons and nuclei and QCD phase diagram



Maxime Guilbaud,  
Antonin Maire,  
Marlene Nahrgang,

Subatech ALICE  
IPHC ALICE  
Subatech-Th

# I.1 – Summary : International Summer School

**Heavy Ion Collisions in the QCD phase diagram**  
June 27-July 8, 2022 Subatech, Nantes (France)

cnrs **GDR** Groupement de recherche  
QCD Chromodynamique quantique

Summer School

27 juin 2022 à 8 juillet 2022  
Europe/Paris

Fuseau horaire

Entrer le texte à rechercher

- Homepage
- Scientific programme**
- Timetable (day-by-day)
- Timetable (compact view)
- Contribution List
- Registration

Organized by the Working Group 2 "**Collective effects with nucleon and nuclear collisions, phase diagram of QCD**" of the IN2P3/INP GDR-QCD, the summer school "**Heavy Ion Collisions in the QCD phase diagram**" welcomes all PhD students and young postdocs.

The summer school will be held from **26 June to 9 July, 2022**, at the **Subatech laboratory in Nantes – France**.

- |                                |  |
|--------------------------------|--|
| Marlene NAHRGANG (Subatech)    | <a href="mailto:nahrgang@subatech.in2p3.fr">nahrgang@subatech.in2p3.fr</a>               |
| Béatrice RAMSTEIN (IJCLab)     | <a href="mailto:ramstein@ipno.in2p3.fr">ramstein@ipno.in2p3.fr</a>                       |
| Antonin MAIRE (IPHC)           | <a href="mailto:antonin.maire@iphc.cnrs.fr">antonin.maire@iphc.cnrs.fr</a>               |
| Marcus BLUHM (Subatech)        | <a href="mailto:bluhm@subatech.in2p3.fr">bluhm@subatech.in2p3.fr</a>                     |
| Maxime GUILBAUD (Subatech)     | <a href="mailto:guilbaud@subatech.in2p3.fr">guilbaud@subatech.in2p3.fr</a>               |
| Cyrille MARQUET (CPHT)         | <a href="mailto:cyrille.marquet@polytechnique.edu">cyrille.marquet@polytechnique.edu</a> |
| Carlos MUNOZ CAMACHO (IJCLab)  | <a href="mailto:munoz@ijclab.in2p3.fr">munoz@ijclab.in2p3.fr</a>                         |
| Michael WINN (DPhN/CEA)        | <a href="mailto:michael.winn@cern.ch">michael.winn@cern.ch</a>                           |
| Tanja PIERRET (Subatech)       | <a href="mailto:pierret@subatech.in2p3.fr">pierret@subatech.in2p3.fr</a>                 |
| Isabelle OLLITRAULT (Subatech) | <a href="mailto:ollitrau@subatech.in2p3.fr">ollitrau@subatech.in2p3.fr</a>               |

<https://indico.in2p3.fr/event/26074/>

# I.2 – Summary : IN2P3 Scientific councils

---

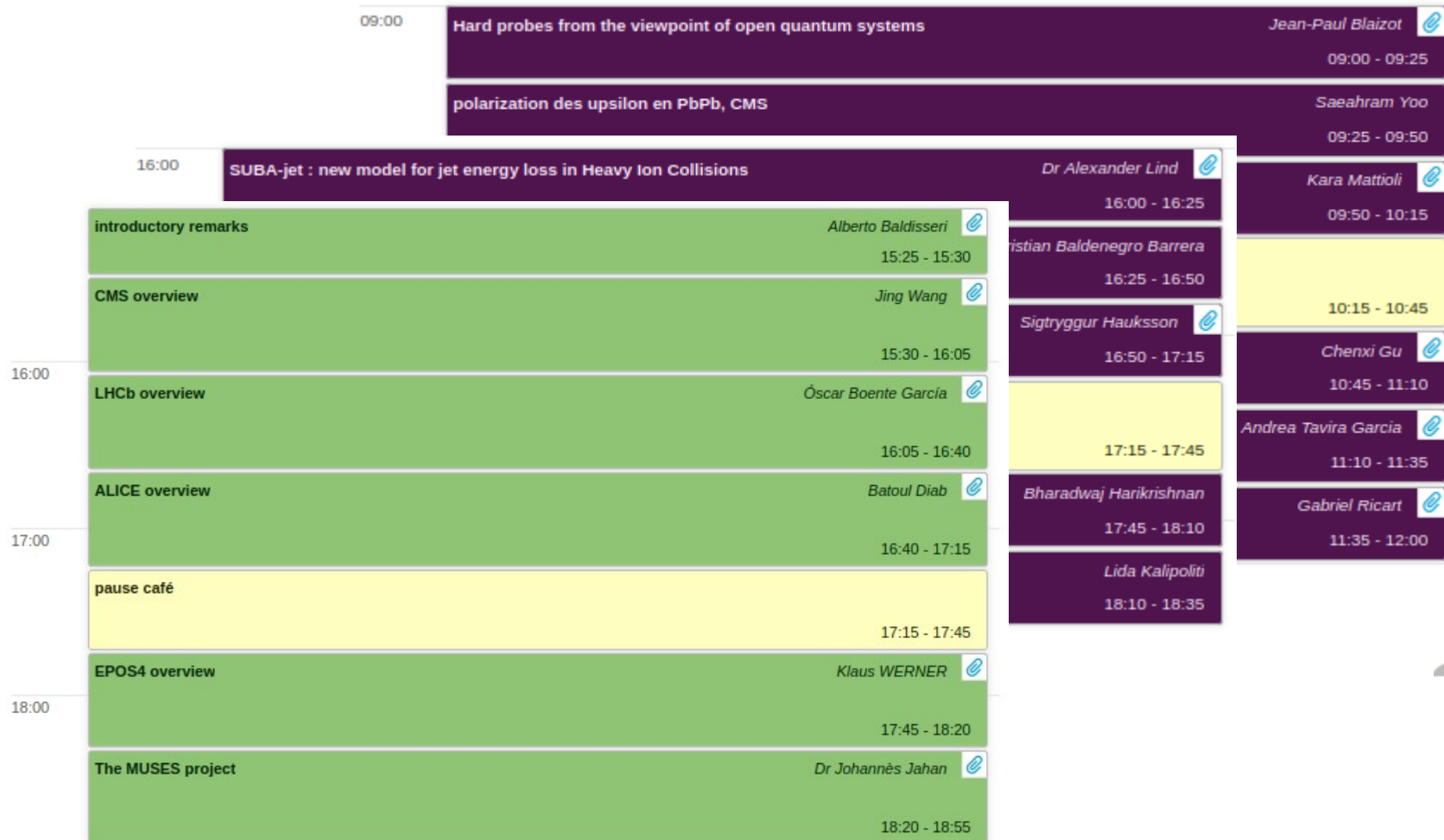
- Scientific Council IN2P3 October 2022 : ALICE ITS3 (“pour avis”)
  - Approved as one ALICE IN2P3 project
  - Key Decision Point 2, done


<https://www.in2p3.cnrs.fr/fr/le-conseil-scientifique-de-lin2p3>
- Scientific Council IN2P3 October 2022 : LHCb Phase 2 (“pour avis”)
  - + ALICE2, CMS ions lourds, LHCb ions lourds, ALICE3 (pour information)

<https://www.in2p3.cnrs.fr/fr/le-conseil-scientifique-de-lin2p3>

# I.3 – Summary : QGP France 2023

- QGP France 2023 (26-29 June 23) : <https://indico.cern.ch/event/1253609/>




 Alberto Baldisseri  
 Frederic Fleuret  
 Marie Germain  
 Matthew Nguyen  
 Paul Caucal  
 Sarah Porteboeuf

# I.4 – Summary : Pixel workshop

With *GdR detector*, *GdR intensity frontier*



Antonin Maire  
Benjamin Audurier  
Dorothea vom Bruch  
Jerome Baudot  
Marlon Barbero  
Michael Winn

- Détecteurs à pixel : retour d'expérience et futures projets  
CMS tracker, ATLAS Itk, LHCb upgrades,  
ALICE2 ITS3, ALICE3 trackers,  
CBM, NA62, BelleII, FCCee, FCChh  
<https://indico.in2p3.fr/event/29988>

Introduction au workshop	14:00 - 14:10
LHCb trackers	Stefano Panebianco 14:10 - 14:35
ALICE 3	Antonin Maire 14:35 - 15:00
Belle II trackers	M. Carlos Marinas 15:00 - 15:15
pause café	15:15 - 15:40
NA62 and NuTag	Mathieu Perrin-Terrin 15:40 - 16:05
FCC hh	Mohsine Menouni 16:05 - 16:20
FCC ee et technologies associées	auguste besson 16:20 - 16:45
pause café	16:45 - 17:10
Discussion: futures projets	

09:00	ITK d'ATLAS	Francesco Costanza 09:00 - 09:25
	Les Trackers de CMS	Gaëlle Boudoul 09:25 - 09:50
10:00	pause café	10:00 - 10:30
	CBM	auguste besson 10:30 - 10:50
	VTX	Roua Boudagga 10:50 - 11:15
11:00	ITS 3	Dr Serhiy SENYUKOV 11:15 - 11:40