

# QCD Master Class 2021

August 29 - September 11



# Where?

Abbey of Saint-Jacut-de-la-Mer  
Brittany, France



Saint-Jacut (5th century)

# What ?

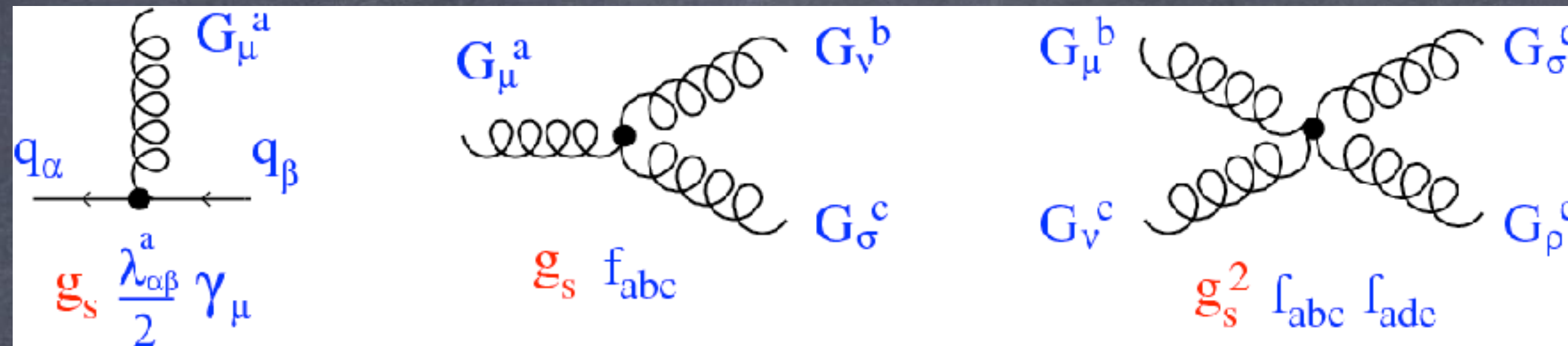
- two-week international school on QCD, primarily for PhD students, postdocs, young researchers
- 5 or 6 advanced blackboard lectures (10 hours each) including exercise classes
- informal discussions with professors
- talks of volunteer participants
- CNRS Thematic School, 4th edition since 2016 supported by GDR QCD

## confirmed lectures:

- QCD scattering amplitudes  
Ruth Britto (Trinity College Dublin)
- Saturation and QCD at small  $x$   
Jamal Jalilian-Marian (Baruch College New-York)
- QCD and statistical physics  
Stéphane Munier (Ecole Polytechnique, Palaiseau)
- QCD at finite temperature/density and applications to astrophysics  
Aleksi Vuorinen (University of Helsinki)
- Sudakov resummation and ultra-peripheral heavy ion collisions  
Bowen Xiao (Chinese University of Hong Kong, Shenzhen)

# How to participate ?

- get basic required knowledge:



- pre-register (between April 20 and June 15)

<http://indico.cern.ch/e/QCDMasterClass2021>

- be one of the 35 selected participants
- (ask your lab to) pay the fee: 800€ (full board)  
(fee is waived for participants from CNRS)
- reserve the dates **August 29 - September 11**



After the school, most of participants are happy