# WG5: QCD à basse énegie, méthodes non perturbatives

Benoît Blossier, Maxim Chernodub, Cédric Mezrag

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- Please contact us (especially Maxim) if you wish to participate

# Progress in algorithms and numerical tools for QCD

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  - Numerics for Lattice-QCD
  - Statistical and numerical methods for fitting and modelling purposes
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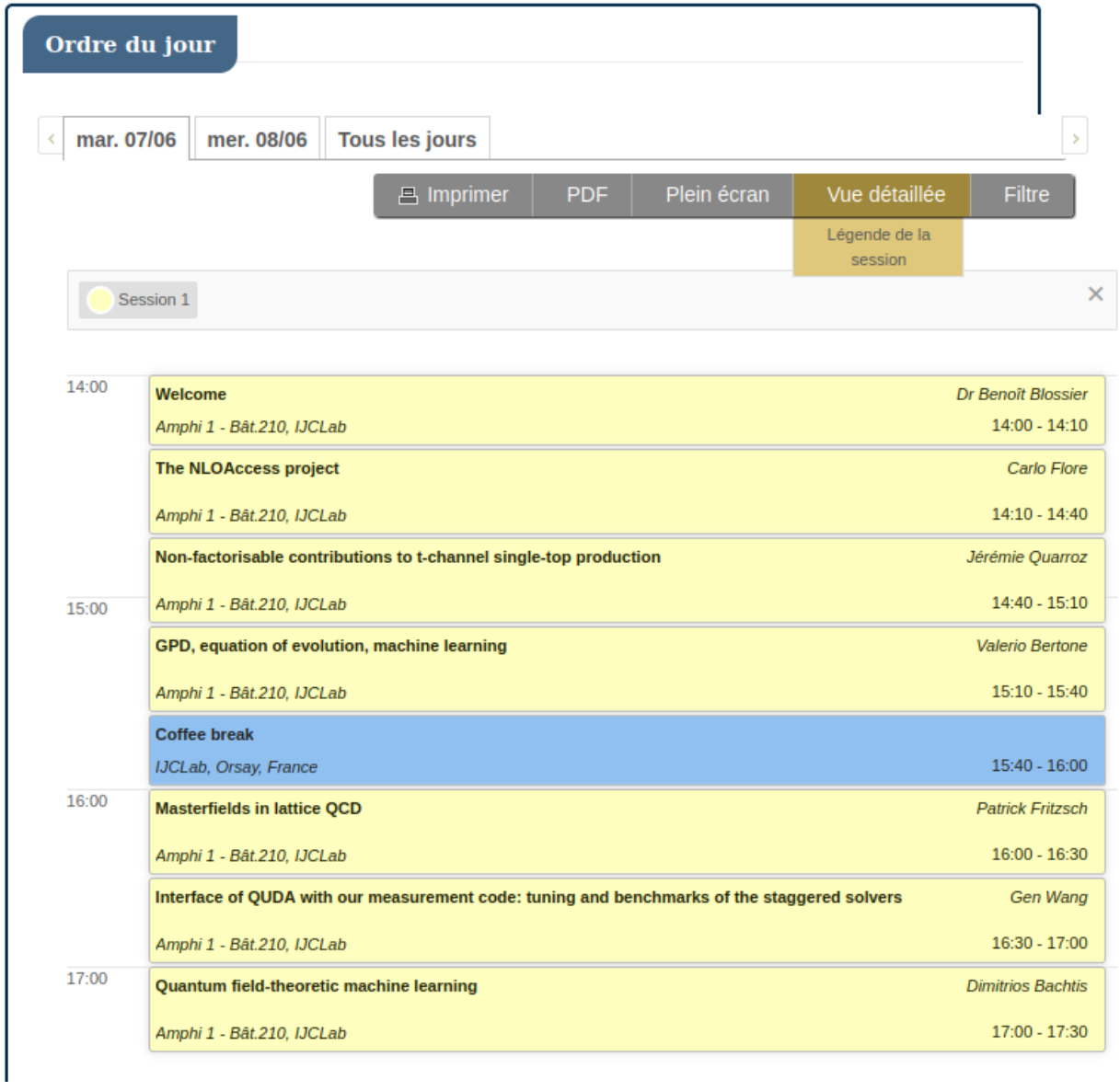
- Registration are now closed


Ordre du jour
mar. 07/06
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Tous les jours
Imprimer
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Vue détaillée
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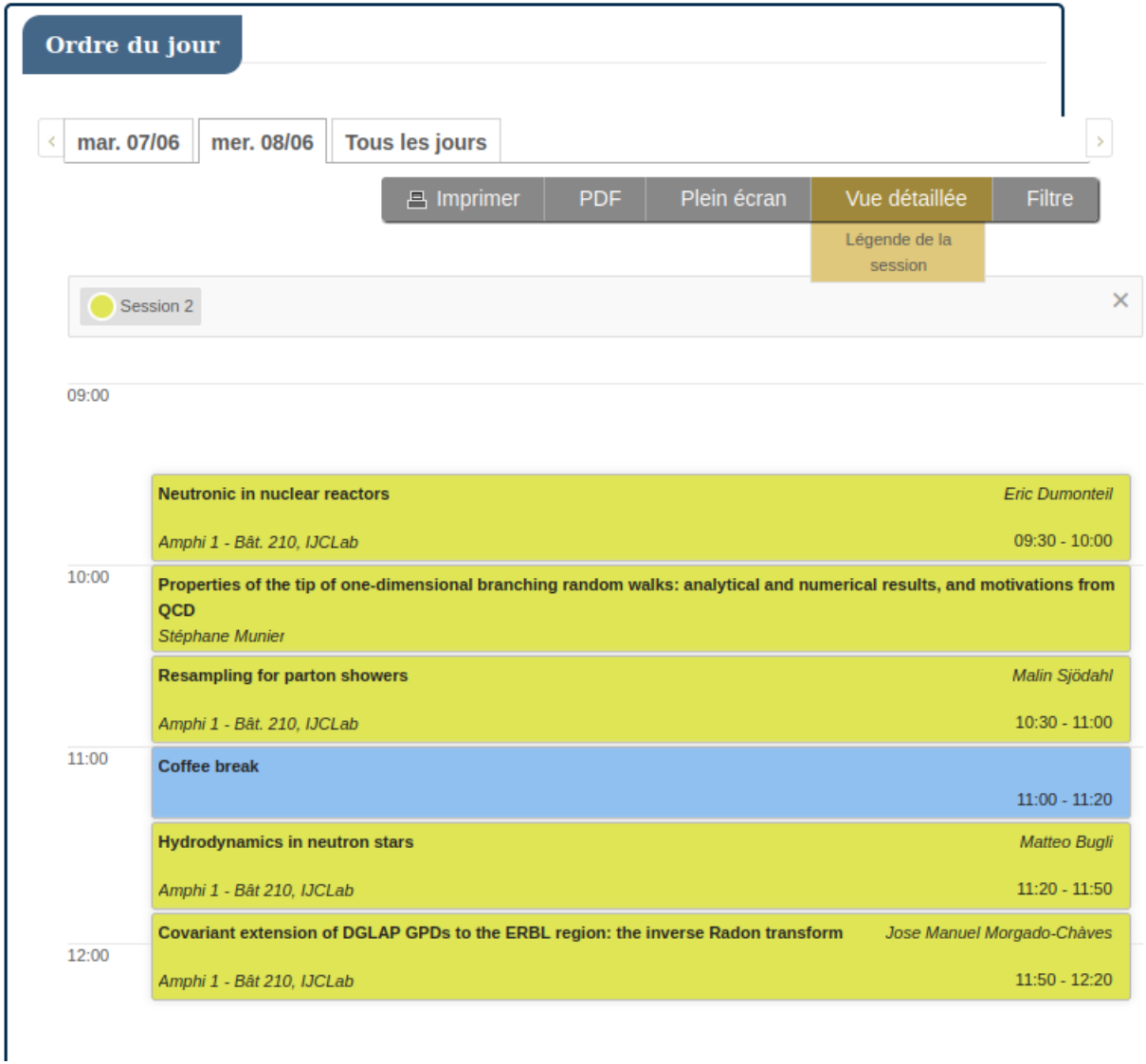
Légende de la session
Session 1
14:00
Welcome
Dr Benoît Blossier
Amphi 1 - Bât.210, IJCLab
14:00 - 14:10
The NLOAccess project
Carlo Flore
Amphi 1 - Bât.210, IJCLab
14:10 - 14:40
Non-factorisable contributions to t-channel single-top production
Jérémie Quarroz
15:00
Amphi 1 - Bât.210, IJCLab
14:40 - 15:10
GPD, equation of evolution, machine learning
Valerio Bertone
Amphi 1 - Bât.210, IJCLab
15:10 - 15:40
Coffee break
IJCLab, Orsay, France
15:40 - 16:00
16:00
Masterfields in lattice QCD
Patrick Fritzsch
Amphi 1 - Bât.210, IJCLab
16:00 - 16:30
Interface of QUDA with our measurement code: tuning and benchmarks of the staggered solvers
Gen Wang
Amphi 1 - Bât.210, IJCLab
16:30 - 17:00
17:00
Quantum field-theoretic machine learning
Dimitrios Bachtis
Amphi 1 - Bât.210, IJCLab
17:00 - 17:30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Tous les jours
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Session 2
09:00
Neutronic in nuclear reactors
Eric Dumonteil
Amphi 1 - Bât. 210, IJCLab
09:30 - 10:00
10:00
Properties of the tip of one-dimensional branching random walks: analytical and numerical results, and motivations from QCD
Stéphane Munier
Resampling for parton showers
Malin Sjödahl
Amphi 1 - Bât. 210, IJCLab
10:30 - 11:00
11:00
Coffee break
11:00 - 11:20
Hydrodynamics in neutron stars
Matteo Bugli
Amphi 1 - Bât 210, IJCLab
11:20 - 11:50
Covariant extension of DGLAP GPDs to the ERBL region: the inverse Radon transform
Jose Manuel Morgado-Chàves
12:00
Amphi 1 - Bât 210, IJCLab
11:50 - 12:20

# Progress in algorithms and numerical tools for QCD

- 26 registered participants on two half-days
- 11 talks are now scheduled
- Format: 30 minutes talks
- More details on the indico website: https://indico.ijclab.in2p3.fr/event/8180

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Thank you for your attention