

WG5: QCD à basse énergie, méthodes non perturbatives

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2024 program

DIS 2024



DIS2024 31st International Workshop on Deep Inelastic Scattering and Related Topics

8-12 April 2024 Grenoble, France | dis2024.org

Physics topics

- WG1: Structure Functions and Parton Densities
- WG2: Small- x , Diffraction and Vector Meson
- WG3: Electroweak Physics and Beyond the Standard Model
- WG4: QCD with Heavy Flavors and Hadronic Final States
- WG5: Spin and 3D Structure
- WG6: Future Experiments

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Organisation de la 31^{ème} conférence
DIS2024 à Grenoble
8 -12 avril 2024

300 participants

285 contributions

Expérimentateurs et
théoriciens
de 29 pays différents

Exposés disponibles sur
dis2024.org

Proceedings à venir



4th workshop on progress in algorithms and numerical tools for QCD

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- ▶ For the 4th edition, we target the same length 18-19 June 2024 in Orsay.
 - ▶ 19 participants
 - ▶ Four topics:
 - ▶ Non-perturbative techniques
 - ▶ Bayesian inference
 - ▶ Multiloop computation
 - ▶ Quantum Computing for QCD
 - ▶ Most of speaker already found but some slots remain open
 - ▶ You can register at (deadline May 31st):
<https://indico.ijclab.in2p3.fr/event/10522/>

International Conference on chirality, vorticity and magnetic field in quantum matter

- ▶ It takes place July 22 - 26, 2024, at the West University of Timișoara, Romania.
- ▶ Relevant but larger than the coverage of GDR, as it moved from heavy ion collision to quantum matter
- ▶ Maxim is deeply involved in the organisation
- ▶ For those interested:
<https://indico.math.cnrs.fr/event/10773/>

Hadron Structure 2030

The road to EIC and JLab 22

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 - ▶ One dedicated to the future of JLab (E. Voutier *et al.*)
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- ▶ Outcomes targeted are
 - ▶ Roadmap to prepare theory and phenomenology to the future EIC
 - ▶ Physics cases for the JLab positron beam and the JLab20 energy upgrade
- ▶ Overlaps with WG 1 and WG 4

2025 program

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Thank you for your attention