Foreword

*International Conference on Heavy Ion Collisions in the LHC Era* Francois Arleo, Carlos A Salgado and Jean Tran Thanh Van

Peer review statement

Papers

1. **Jets, Bulk Matter, and their Interaction in Heavy Ion Collisions at the LHC** K Werner, B Guiot, I Karpenko, M Bleicher, T Pierog and S Porteboeuf-Houssais

5. **Recent elliptic flow results from Beam Energy Scan at STAR** S Shi (for the STAR collaboration)

9. **Boltzmann equation with a nonlocal collision term and the resultant dissipative fluid dynamics** A Jaiswal, R S Bhalerao and S Pal

13. **Higher Harmonics in Heavy Ion Collisions** S Jeon

17. **Global and Collective Dynamics at PHENIX** T Niida (for the PHENIX Collaboration)

21. **Quarkonia production in relativistic heavy ion collisions** C M Ko, K Han and T Song

25. **Collision Rate and Symmetry Factor in Gluon Plasma** J Deng and Q Wang

29. **Quarkonium suppression from parton energy loss** S Peigné

33. **Dynamical Quarkonia Suppression from Complex Potentials** J Casalderrey-Solana

37. **Probing the medium with jets in ALICE** P D Nezza (for the ALICE Collaboration)

41. **Probing nuclear parton densities (and more) from γ + Q production in p–A and A–A collisions** F Arleo, I Schienbein and T Stavreva

45. **J/Ψ in nuclear matter** G Krein

49. **Heavy Flavor Results from STAR** Q Hao (for the STAR Collaboration)

53. **Heavy-flavour and quarkonium measurements in Pb–Pb collisions at \( \sqrt{S_{NN}} = 2.76 \) TeV with ALICE** N Bastid (for the ALICE Collaboration)

57. **Heavy flavor and Quarkonia in heavy-ion collisions with the CMS** H Kim (on behalf of the CMS Collaboration)
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65 Recent Heavy Flavour Results from ATLAS M Bona (on behalf of the ATLAS Collaboration)

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77 Thermal and direct photons in PHENIX S Campbell (for the PHENIX Collaboration)

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