



Organizational Chart

Physics Analysis Coordinator

- Rongrong Ma
- Takafumi Niida

Cold QCD

- Maria Zurek
- Qinghua Xu
- Matt Posik (outgoing)
- Xiaoxuan Chu (Incoming)

star-spin-l@lists.bnl.gov

Heavy Probes ← JetCorr + HF

- Barbara Trzeciak
- Yi Yang
- Sooraj Radhakrishnan
- Nihar Sahoo (incoming)

star-hp-l@lists.bnl.gov

LFSUPC

- Md. Nasim
- Daniel Brandenburg
- Daniel Cebra

star-lfsupc-l@lists.bnl.gov

Correlations & Fluctuations

- Hanna Zbroszczyk
- Xiaofeng Luo

star-cf-l@lists.bnl.gov

Flow, Chirality & Vorticity

- Prithwish Tribedy
- Jiangyong Jia
- Subhash Singha

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Subscribe to These Mailing Lists

- **Important:** discussions for your presentations/papers will happen on these mailing lists
 - star-talks-l@lists.bnl.gov
 - starpapers-l@lists.bnl.gov
- Other analysis related mailing lists
 - star-phys-l@lists.bnl.gov
 - star-centrality-l@lists.bnl.gov
 - star-qaboard-l@lists.bnl.gov

<https://www.star.bnl.gov/central/lists/>

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Centrality Calibration

- Collected at: <https://drupal.star.bnl.gov/STAR/pwg/common>

Centrality calibration and Glauber parameters

- 2010 Au+Au 200 GeV
- 2011 Au+Au 200 GeV
- BES-I (2010, 2011)
- 2014 Au+Au 200 GeV by HF PWG
- 2016 Au+Au 200 GeV by HF PWG
- 2018 Isobar 200 GeV
- 2019-21 BES-II

- Please let me know if anything is missing

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Embedding Production

- 1) Present the motivation and embedding requests to the PWG
 - ✓ Consider expand the scope such that they can be used by other analyzers as well
- 2) Conveners submit the requests to the embedding page
 - ✓ Please include PA's email address such that they can be contacted for QA
- 3) Embedding team prepares codes and produces a test sample
 - ✓ Standard QA is produced and checked by embedding team
 - ✓ PAs are also notified to do analysis-specific QA. Please respond in a timely fashion
- 4) Once the test sample is deemed good, the full production proceeds

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Abstract Submission

- When submit an abstract, at least:
 - Dataset and embedding, if needed, are produced
 - Bad run list and centrality calibration, if apply, are finalized
 - You have shown your analysis a few times in the working group, including QA, signal, efficiency, etc.
- The more complete your results are, the more likely your abstract will be approved



Preliminary Results

- *Only physics plots need a preliminary label*
- New preliminary results to be shown in a conference should be approved by PWG **3-4 weeks** before the conference starts
 - Regular updates to PWG are strongly recommended
 - [Request template](#)
- When releasing new figures with theory curves, please confirm with theorists beforehand that their calculations are plotted and labeled properly
- Preliminary figure collection: [LINK](#)
 - For new preliminary figures, please upload them to a Drupal blog, and send the link to PWG.
 - Use high-resolution figures in your talk/poster



Preliminary Results

- Preliminary status can be requested any time
- Preliminary status is granted to data points, not figures. Figures can be re-made, if needed, as long as the data points are kept the same
- Preliminary results can only be updated through publication
- Few-author papers with STAR members CANNOT include preliminary results



Presentation Submission

- Abstracts/Presentations/Proceedings are required to be submitted to PWG for approval **2 weeks** before the conference starts, and to star-talks **1 week** before.
 - [Submission interface](#)
 - [General guidance](#) on talk and poster preparation
 - Please include line numbers in abstracts/proceedings
 - In case you have trouble submitting, try typing the title by hand. Copy-and-paste from a PDF file could result in unrecognized characters.
 - Select proper presentation type (abstract, talk, poster, proceedings), QCD type (hot vs. cold) and whether it is selected by STAR Talk Committee
 - After addressing comments, attach the updated version to the same entry.
- Conveners should comment on submitted presentations within **1 week**
 - Please remind conveners if you do not hear from them

https://drupal.star.bnl.gov/STAR/system/files/PublicationPolicy101613_v2.html



Presentation Submission

- **One cannot present unapproved presentations on behalf of STAR**
- *There should be only one author for one talk*
 - In rare cases, multiple authors are allowed for posters
- All the talks should be rehearsed within the local group, and presenters address all the comments received.
- **Avoid using identical abstracts/slides at different conferences**
 - Update motivation slide; add new knowledge
 - Modify style, wording, etc
- Management approval assignment (*temporary change would occur*)
 - Rongrong Ma: Cold QCD, **HP**, **LFSUPC**
 - Takafumi Niida: FCV, CF
 - Xin Dong: Software & Computing
 - Kenneth Barish: Detectors & Upgrades



Publication Procedure

- **Step 1:** Paper proposal to PWG (PAs)
- **Step 2:** PWGC preview (PA → Conveners → PAC)
 - **What's needed: a webpage with title, PA list, target journal, abstract, figures with major if not all uncertainties, tables if any, physics conclusions**
 - [Preview presentation template](#)
- **Step 3:** PWG review (PAs)
 - PAs address PWGC comments, finish all aspects of the analysis, present final results in PWG meetings and address all comments raised
 - **PAs send final paper draft and analysis note to PWG mailing list for comments for at least two weeks**
 - [Checklist](#) for analysis note; [Guidance](#) for analysis code preparation
 - Collaboration member, if desired, should be able to reproduce the results following the analysis note and analysis code.
 - Once all the PWG comments are addressed, conveners officially sign off and request GPC formation



Publication Procedure

- **Step 4:** GPC formation (Conveners → PAC)
 - **What's needed: analysis note, paper draft, analysis code approved by PWG**
 - **A dedicated mailing list (star-gpc-XXX-l) is created for each GPC. Please use it for all GPC communications.**
 - Only GPC members and PAs are subscribed to the mailing list
 - Collaborators can request subscription during collaboration review
- **Step 5:** Collaboration review (GPC → PAC/SP)
 - **What's needed: analysis note, paper draft, analysis code approved by GPC**
 - *Author list and acknowledgement prepared by PAC and sent to PAs*
 - PAs prepare data tables for HEPData
 - [Instructions on YAML file preparation](#)
 - [Guidance on significant digits](#)



Publication Procedure

- **Step 6:** Announce the paper to RHIC (SP)
 - **What's needed: point-by-point responses to collaboration review comments, and updated paper draft and analysis note, all approved by GPC**
 - PAs send responses to starpapers-l for **1 week**. SP approves exceptions.
- **Step 7:** Submit to arXiv/journal (PAs)
 - **What's needed: 1 week after announced to RHIC, and green light from PAC**
 - *arXiv license: CC BY-NC-ND*
 - Include supplemental material, if any, in arXiv version
 - [Send arXiv password and journal reference number to PAC](#)
 - Send confirmation email from journal to starpapers mailing list
 - An entry on HEPData will be created after submission
 - PA: uploader; GPC chair: reviewer
- **Step 8:** address referee comments (PAs and GPC)
 - Send referee reports, as well as responses and updated material (after GPC approval) to starpapers mailing list
- **Step 9:** paper accepted for publication (PAs and GPC)
 - Finish HEPData uploading
 - Upload final version to arXiv



Recent Changes

- **New procedure for handling author list, until further notice**
 - “The STAR Collaboration” will be used as the author during collaboration and journal reviews
 - The full author list (List A or B) will be determined and inserted AFTER the paper is accepted
 - The accepted paper with full author list, prepared by PA, will be sent to starpapers mailing list by SP for comments for 3 business days before submitting back to journal
- **New requirements for code preparation and code QA**
 - PA prepares results from 1-2 MuDst/PicoDst and/or embedding files, and code QA should be able to reproduce those exactly.
 - PA restores input files to RCF. No need to commit to CVS.
 - Code QA should be able to reproduce paper figures using the codes and histograms from full statistics, prepared by PA



Reminders

- Gain access to STAR Drupal page ([instructions](#))
 - To generate it, use the "(re)Create 2FA login" in the left hand-side menu, leave all default option (you need a time based OTP), import the QRCode displayed.



Publication Procedure

- PAs should forward all correspondences with journal to starpapers-l mailing list
 - Submission confirmation, referee report, etc
- **PAs should send proofs to PAC/SP** for checking institution list, acknowledgement, etc. PAs are responsible for checking other aspects.
- You can sign the copyright form on behalf of the collaboration
 - Should you have any questions, please contact the PAC
- If the journal asks for a **contact email to publish with the article**, please use "star-publication@bnl.gov" instead of your own personal email address.
- After publication, please prepare a writeup for STAR front page (DOE sees them!). Please also talk to your funding agency/BNL/local institutions to highlight your results on their webpages.

<https://www.star.bnl.gov/central/collaboration/authors/>



ORCID

- **All STAR authors should have either an ORCID or an INSPIRE ID.** An ORCID is preferred.
- Check yours here: <https://www.star.bnl.gov/central/collaboration/authors/makeXMLList.php>
- New authors: when requesting Liz to add new authors to database, please send their ORCID as well
- Apply for an ORCID: <https://orcid.org/register>