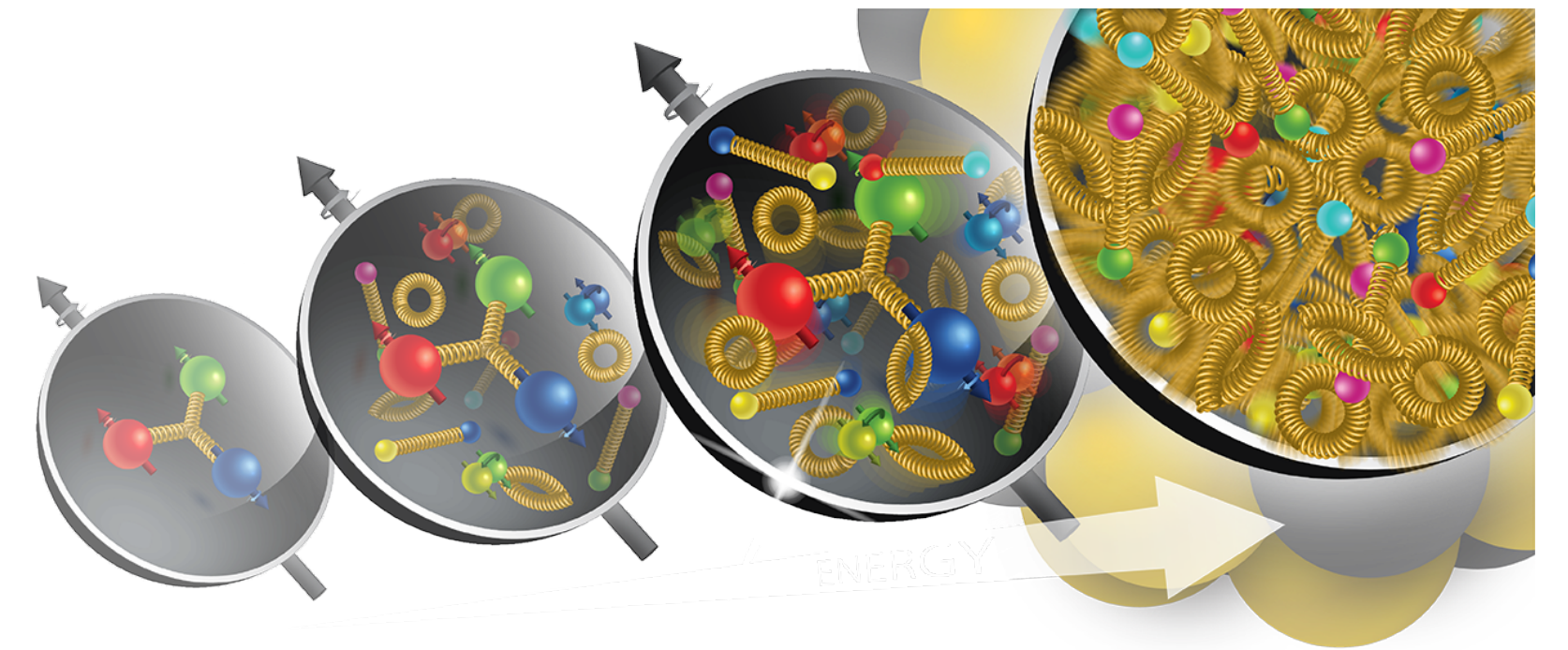


# My path through RBRC

## Farid Salazar

- Research: QCD, gluon saturation, hadron structure, heavy-ions
- RBRC connection began during my PhD years at SBU/BNL
- Now RBRC Fellow through Temple University-RBRC faculty bridge position



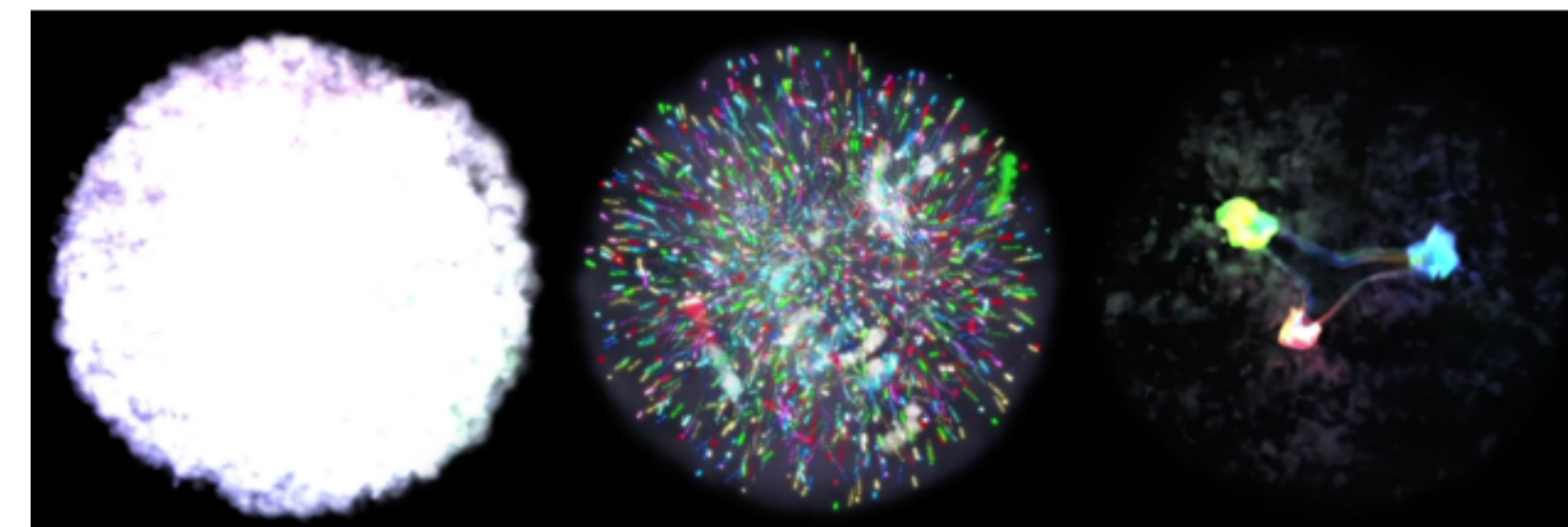
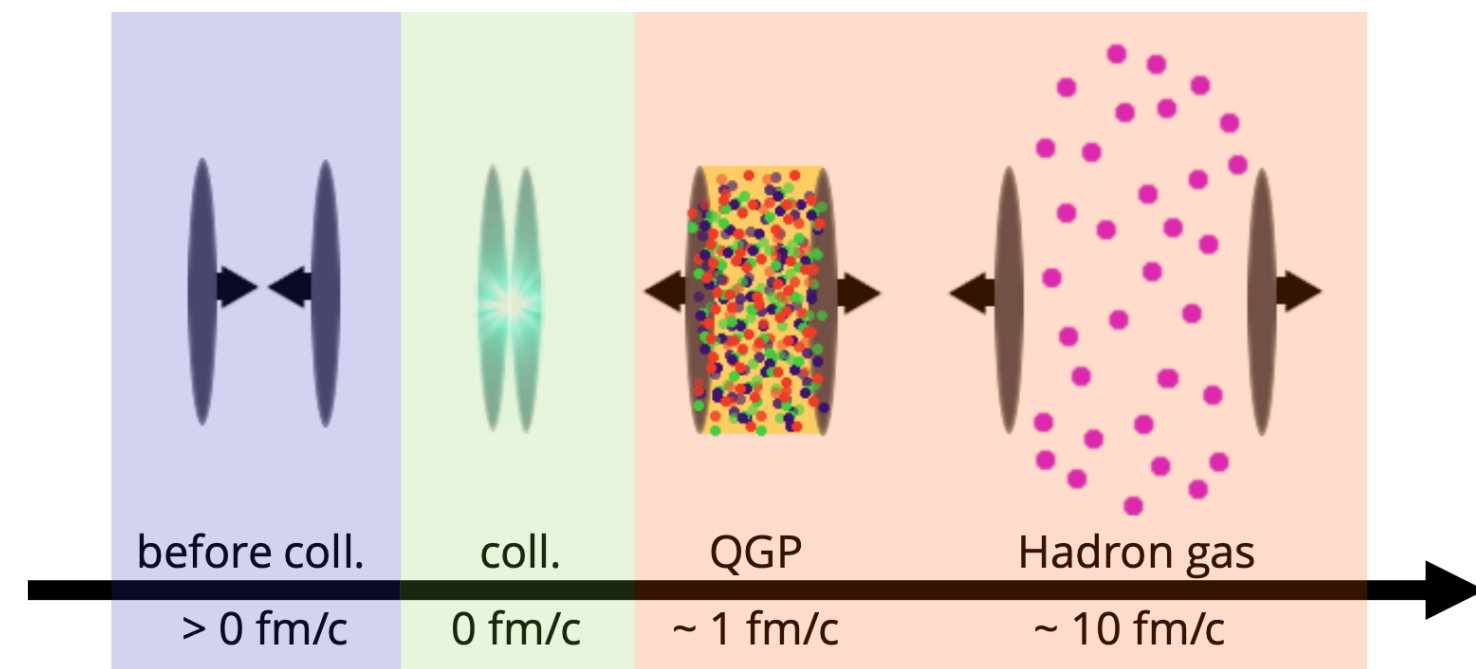
**Scientific Bridges**

**Lasting Community**

**Early-Career Support**

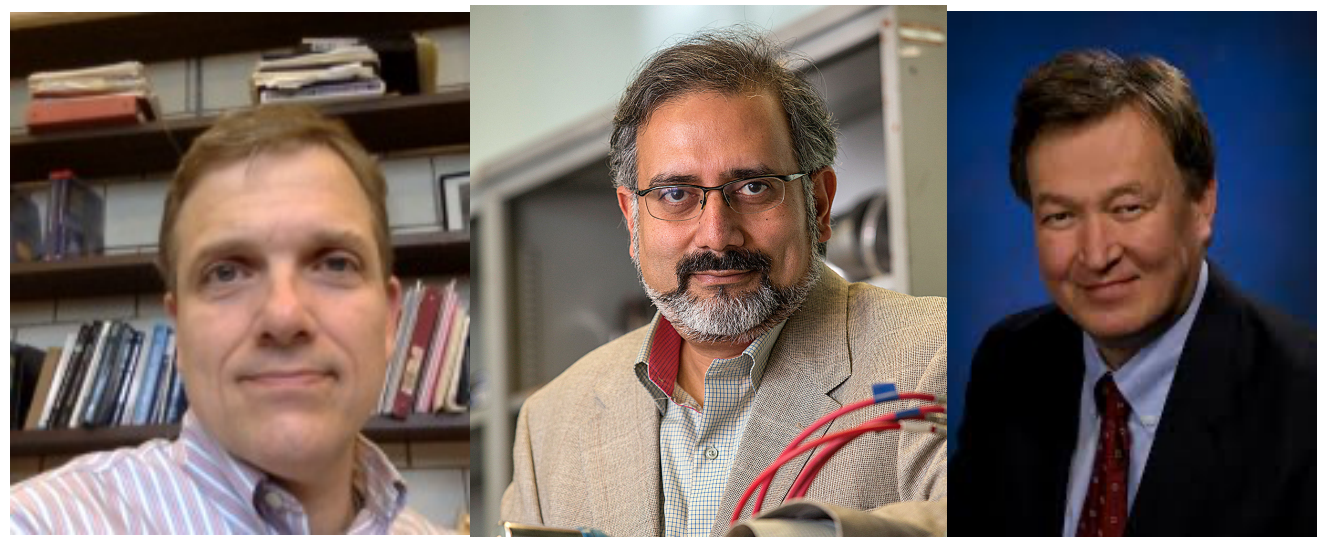
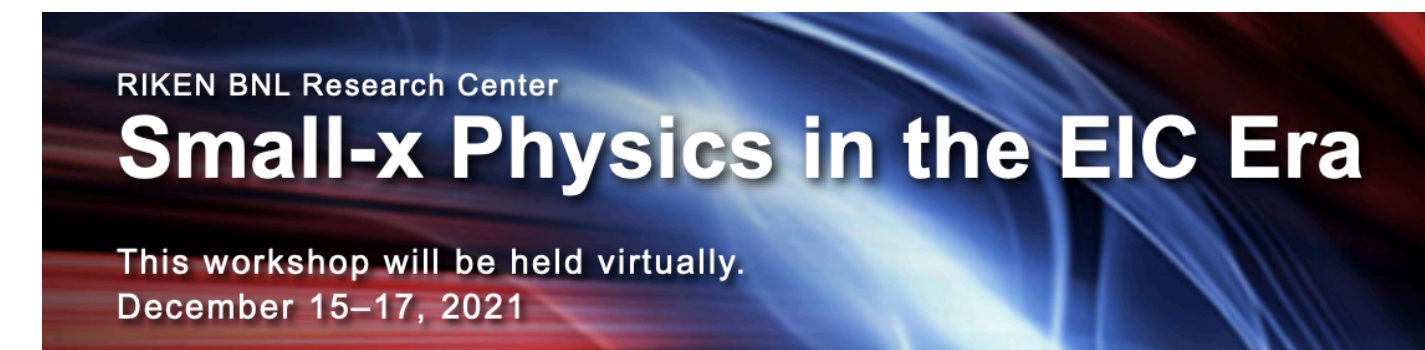
# Bridging fields through RBRC

- My PhD projects can be broadly characterized as studying particle production in electron-ion collisions at small  $x$ , under Björn Schenke's supervision
- Starting viewpoint: heavy-ion/CGC, scattering off dense fields
- Renaud Boussarie, Yoshitaka Hatta and Yacine Mehtar-Tani were elucidating the connection between CGC and TMD factorization (hadron structure). Raju Venugopalan and Kaushik Roy were developing a framework for precision calculations for DIS observables. Later Paul Caucal and I joined these efforts.
- RBRC and Nuclear Theory Group created a very stimulating environment to bridge heavy-ions (RHIC) to hadron structure (EIC). This bridge had a profound impact on my research

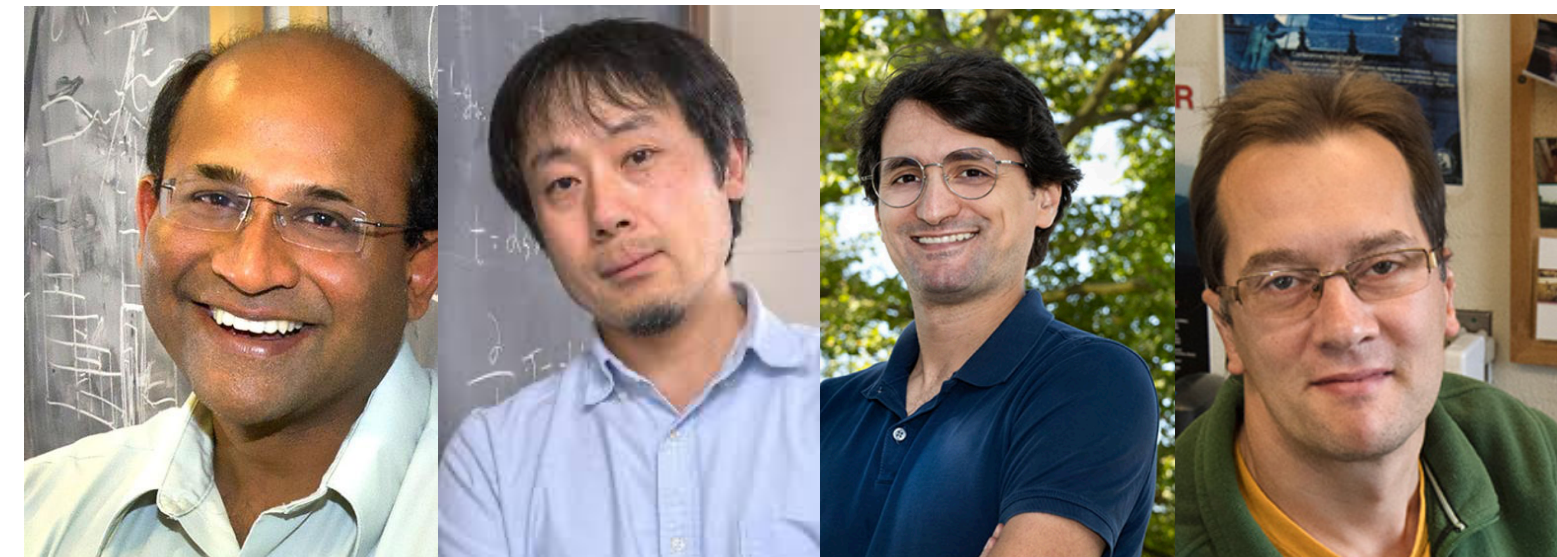


# RBRC's lasting impact on the nuclear physics community

- Thursday “lunch” seminars: welcoming, informal, and scientifically stimulating
- RBRC hosted various workshops, including a “Small-x Physics in the EIC Era” which I co-organized. It helped coordinate efforts that led to “SURGE”, a BNL-hosted DOE theory topical collaboration, which has supported various students and postdocs
- Mentorship across stages: professors->advisors->collaborators->colleagues
- Former/current RBRC fellows continued shaping my path after graduation, and during my postdoctoral years at UCLA, LBNL and the INT



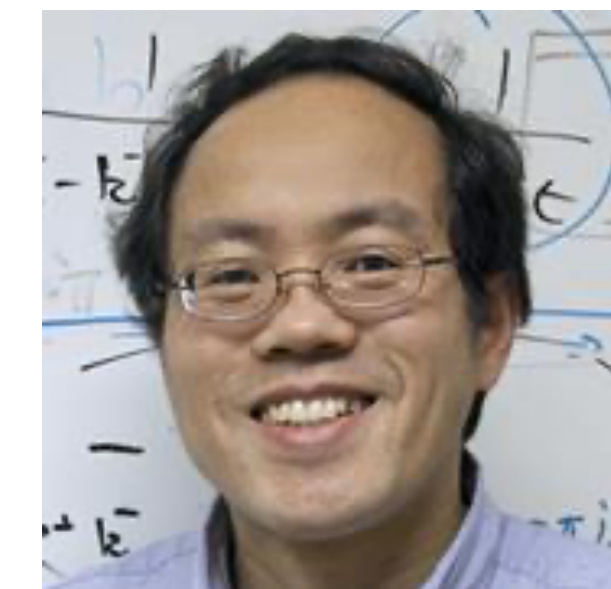
SBU



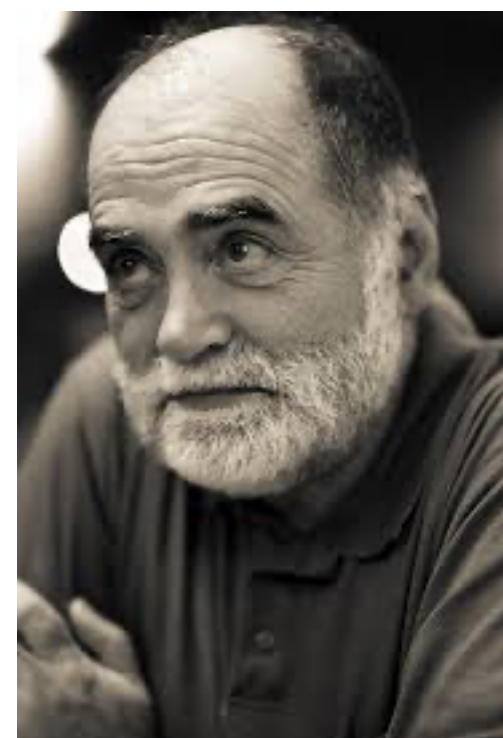
BNL



UCLA



LBNL



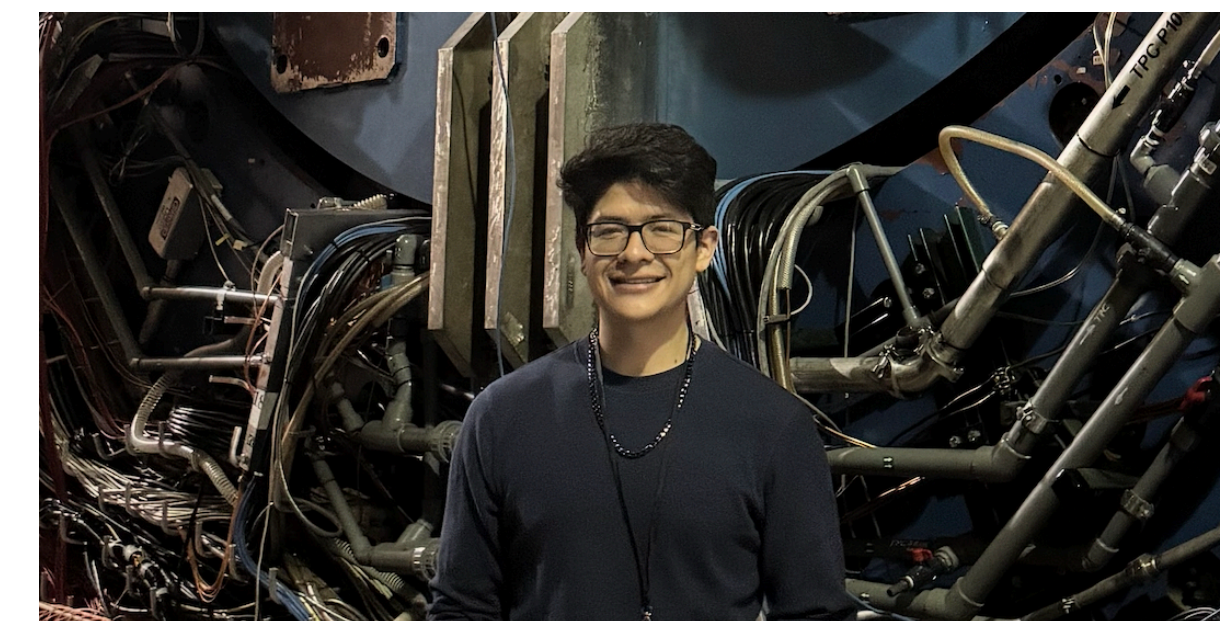
INT @ UW

# Supporting early-career scientists

- RBRC Fellow through Temple U-RBRC faculty bridge position since January 2025
- Teaching relief and time at BNL during the early faculty stage
- Continued interaction with RBRC and the broader BNL theory/experiment community



- Support for the next generation: RBRC co-hosted my PhD student for a two-week visit to BNL last year



Marcos Guerrero Morales  
(PhD student @ Temple U)