

Rosi Reed
EPIC Vice Chair Statement

I grew up in Connecticut and discovered physics at the age of 15, when I decided that I wanted to be a physics professor. I decided to move across the country to attend San Jose State, where I received my bachelor's degree in physics. I spent four years working as an engineer for Litton Electron Devices, mostly on S-band klystrons, where I learned that I enjoyed designing and building things. I then worked at NASA Ames for six months where I designed and built a vacuum system to simulate the atmospheric conditions of Mars. I then attended UC Davis where I received my Ph.D in 2011 by measuring the Upsilon nuclear modification factor with the STAR experiment. I did my postdoctoral studies at Yale University, where I learned to love jets by measuring the nuclear modification factor of jets with the ALICE experiment. I was then an Assistant Research professor at Wayne State University in Detroit for a year, where I continued to study jets in heavy-ion collisions. I have been a professor at Lehigh University since 2015, earning tenure in 2020.

I am currently a member of the STAR, sPHENIX and EPIC collaborations. I was part of the team that built the STAR Event Plane Detector, and I am currently building the sPHENIX Event Plane detector. With sPHENIX data taking just around the corner, this project is nearing completion. I'm a part of the EEEMCAL consortium for EPIC, where we have just submitted our preliminary proposal to the NSF. As preparation for ramping up my time in EPIC and sPHENIX, I have stepped down from all positions in STAR and will simply supervise my students. I do not hold any leadership positions in sPHENIX outside of as a subsystem manager and will not seek any such position if I were elected to the as the Vice Chair of the EPIC Council.

I have been a part of organizing the physics communities I have found myself a part of starting as a junior representative on the STAR Council as a graduate student. As a postdoc in ALICE I helped to organize the first election of junior representatives to the collaboration board. As a part of the sPHENIX bylaws writing committee I spent a lot of time thinking about what is needed for a collaboration to function, and how a large group of scientists can work together constructively to achieve the larger goals of the community. I believe this served me well as a member of the EPIC Charter writing committee, and I am proud of the document we produced. This work has given me a deep appreciation of the issues that people from underrepresented groups and early career scientists face, and as chair I would work for the continued inclusion and voice for these young scientists. The charter is merely the first step to the physics community we all desire, as vice-chair my priority would be to see to the completion of the associated policy documents which will establish our norms and traditions. I believe the first priority of the Chair should be to facilitate the elections of the other standing committees, which would fit well with my priorities as vice-chair.

As a professor I'm very familiar with Robert's Rules of Order, which are very important for organizing discussion around contentious topics. I believe it is important for every voice to be heard, and will work toward including the early career scientists in our decisions. I am excited about our new collaboration and the physics we will be able to do in the decades to come, and I look forward to being part of setting up an EPIC culture we can all be proud of.