

Statement for SAC Election

(Zelimir Djurcic)

I would be delighted to serve in the spokesperson advisory committee (SAC) to help provide independent scientific advice and recommendations to spokes people on DUNE construction projects, R&D, and physics efforts.

On my background side I developed a unique expertise in neutrino physics, spanning from low energy to accelerator neutrinos, and to neutrinoless double beta decay. I was successful in guiding and mentoring postdoctoral fellows, graduate, and undergraduate students, and plan to continue enhancing my research efforts in particle physics through the DUNE and future particle physics efforts. With my group, I am focused on DUNE design, prototyping, fabrication, data analysis, and work on R&D for DUNE phase-II. I am currently serving as Argonne postdoc mentoring coordinator where we support a diverse population of postdocs by making them feel welcomed, heard, and valued. Similarly, we want to maintain a diverse scientific and technical workforce in DUNE, by bringing together people whose cultural and intellectual backgrounds equip them to look at a problem from different viewpoints as the key to collaboration and innovation.

I would contribute my time to supporting the SAC committee in cooperation with other physicists. I have a valuable experience in collaborating and working with scientists on international projects in Asia and Europe and within research efforts at both universities and national laboratories that include international collaborators. I plan to help organize fabrication efforts for DUNE Phase-I and R&D efforts for DUNE Phase-II. I will serve on the spokesperson advisory committee putting together meeting agendas and will help develop discussions at DUNE collaboration meetings and workshops.