Douglas Weadon Higinbotham, Ph.D.

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Douglas was born and raised in the Commonwealth of Virginia, attending the college at William & Mary for undergrad and the University of Virginia for graduate school. During graduate school, Douglas was stationed at NIKHEF in the Netherlands where he learned internal target physics as well as the basics of accelerator operations. Douglas subsequently did his postdoctoral studies at the Massachusetts Institute of Technology with a focus on short-range correlation physics.

Since 2001, Douglas has been a staff scientist at the Thomas Jefferson National Accelerator Facility (Jefferson Lab). In this role, he has worked with numerous faculty and students and safely overseen several major experimental installations. Douglas’s research focuses on understanding nucleons in the nucleus as well as the size and structure of the proton.   Douglas was a spokesperson for ten Jefferson Lab 6 GeV era experiments and is spokesperson for five 12 GeV era experiments. Douglas was the corresponding author of Jefferson Lab's first article in the journal Science. Douglas enjoys working with students and promoting Jefferson Lab though public talks and publications.   Douglas has been the director of the Jefferson Lab Electron Ion Collider research group, runs the Jefferson Lab EIC fellowship program and is currently the physics division operations officer overseeing the scheduling of experiments as well as the day-to-day running of the physics program.

Douglas’s EIC physics passion is for the far forward region and tagging. During the years leading up to the formation of the ePIC collaboration, Douglas worked extensively on the EIC Yellow Report making sure that the LaTeX source was posted and compiles on the arXiv. Douglas worked with Ken Reed as a detector team co-convener for the ECCE consortium and most recently co-chaired with Olga Evdokimov the ePIC charter committee.

Douglas likes to manage by consensus and open discussion while also trying consciously to ensure those who don’t typically speak-up are given an opportunity to be heard. As needed, Douglas is also prepared to run a meeting following Robert’s Rules of order. For the upcoming year, Douglas’s sees the most important activity of the coordinating committee chair is to ensure the prompt formation of the ePIC committees while also ensuring that they are filled with a diverse and inclusive cross section of the ePIC membership.