

# Mohammad Hattawy

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## EDUCATION & WORK EXPERIENCE

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- OCT 2015 - Present: **Postdoctoral Appointee**  
Medium Energy Physics group  
**Argonne National Lab**
- SEP 2015 **Ph.D.** in PHYSICS  
Institut de Physique Nucléaire d'Orsay, **Paris Sud XI University**, France  
Thesis: "Deeply virtual Compton scattering off  $^4\text{He}$ "  
Scholarships: The Consulat Général de France à Jérusalem and the Institut de Physique Nucléaire d'Orsay scholarships
- AUG 2011 **M.S.** in PHYSICS  
**Paris Sud XI University**, France  
Program: NPAC (Nuclear, Particles, Astroparticles and Cosmology)  
Major: Nuclear physics  
Scholarships: Paris Sud XI University scholarship for masters program
- JUL 2010 **B.S.** in PHYSICS  
**Birzeit University**, West Bank  
Program: Major physics, minor mathematics  
Awards and Honors: Birzeit's first rank award and full B.S. scholarship

## RESEARCH INTERESTS

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I am a postdoc at Argonne National Laboratory. My research focuses on the partonic structure of nucleons and nuclei with electromagnetic probes. I have been involved with the physics program of Hall-B for more than seven years. Current efforts include building a radial time projection chamber for BoNuS12 experiment and building a low energy recoil tracker for CLAS12-ALERT physics program. In addition to my JLab related effort, my involvement with the future Electron-Ion Collider (EIC) effort started few years ago and it includes feasibility studies of DVCS and DVMP reactions, and development of new detector technologies in addition to pushing the limits of existing technologies in order to maximize the physics outcome of an EIC.

## CANDIDATE STATEMENT

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The starting of JLab 12 GeV physics run is the result of the well-organized hard work from hundreds of engineers, senior physicists, postdocs, and students. The User Group Board of Directors is facilitating and organizing the effort from the entire user community to maximize the physics outcome. Throughout my career path, from Palestine to France and now in the United States, I have experienced different culture styles that would help me to understand the needs and to reach the individual postdocs through serving Jefferson Lab community as the postdoc representative on the User Group Board of Directors.