Levon Dovlatyan

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EDUCATION

Ph.D, Physics
University of Maryland, College Park, MD, expected May 2021
Specialization: Accelerator and Beam Physics

B.S, Engineering Physics
UC Berkeley, Berkeley, CA, December 2015

RELEVANT WORK EXPERIENCE

UMER group, University of Maryland
Graduate Student 2016-Present
Advisors: Prof. Brian Beaudoin and Thomas Antonsen

Advanced Light Source (ALS), Lawrence Berkeley National Lab (LBNL)
Undergraduate Researcher 2014-2015
Advisors: Greg Portmann and Dr. David Robin

BESSY II, Helmholtz-Zentrum Berlin (HZB)
Undergradute Researcher Summer 2014
Advisors: Dr. Markus Ries and Dr. Paul Goslawski

Harte Lab, University of California Berkeley (UCB)
Undergraduate Researcher 2013-2014
Advisors: Dr. Danielle Christianson

TEACHING

University of Maryland 2016-Present
Graduate Instructor

- Math 113 (Fall 2017) - College Algebra and Trigonometry

Graduate Teaching Assistant

- Physics 132 (Spring 2018) - Fundamentals of Physics for Biologists II
- Physics 132 (Spring 2017) - Fundamentals of Physics for Biologists II
- Physics 132 (Fall 2016) - Fundamentals of Physics for Biologists II

RELEVANT COMPUTER SKILLS

Languages: C++, Java, Python, Matlab, Lua, Bash
Web: LAMP, Django, Flask
AWS: EC2, Lambda, DynamoDB, IoT
Type Setting: LaTeX
OS: Linux (Ubuntu), Windows
Specialized: Elegant, Warp, AT

PUBLICATIONS

L. Dovlatyan, K. Ruisard, B. Beaudoin, and R. Kishek, "Steering optimizations for the University of Maryland Electron Ring", in 9th Int. Particle Accelerator Conf. (IPAC'18), Vancouver, Canada, Apr.-May 2018, paper THPML107.

K. Ruisard, H. Baumgartner, B. Beaudoin, S.Bernal, B. Cannon, **L. Dovlatyan**, I. Haber, T. Koeth, "Tuning low-current beam for nonlinear quasi-integrable optics experiments at the University of Maryland Electron Ring", in 9th Int. Particle Accelerator Conf. (IPAC'18), Vancouver, Canada, Apr.-May 2018, paper THPAK143.