

## 徐来林 简历

中国科学技术大学, 核探测与核电子学国家重点实验室, 教授

### 教育经历:

- (1) 2010-09 至 2015-05, 中国科学技术大学, 粒子物理与原子核物理, 博士
- (2) 2006-09 至 2010-07, 中国科学技术大学, 粒子物理与原子核物理, 学士

### 博士后工作经历:

- (1) 2015-05 至 2020-10, 美国布鲁克海文国家实验室

### 科研与学术工作经历 (博士后工作经历除外):

- (1) 2021-01 至今, 中国科学技术大学, 核探测与核电子学国家重点实验室, 教授

### 曾使用其他证件信息:

无

### 近五年主持或参加的国家自然科学基金项目/课题:

无

### 近五年主持或参加的其他科研项目/课题 (国家自然科学基金项目除外):

无

### 代表性研究成果和学术奖励情况:

#### 一、代表性论著:

- (1) ATLAS Collaboration; Search for electroweak diboson production in association with a high-mass dijet system in semileptonic final states in pp collisions at 13 TeV with the ATLAS detector, *Phys. Rev. D*, 2019, 100(3): 032007 (期刊论文)
- (2) ATLAS Collaboration; Measurements of differential cross-sections in four-lepton events in 13 TeV proton-proton collisions with the ATLAS detector, *Journal of High Energy Physics*, 2021, 07(005) (期刊论文)
- (3) ATLAS Collaboration; Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with two charged leptons and two jets at  $\sqrt{s}=13$  TeV with the ATLAS detector, *Journal of High Energy Physics*, 2019, 01(016) (期刊论文)
- (4) Jennifer Roloff; Viviana Cavaliere; Marc-André Pleier; **Lailin Xu**; Sensitivity to longitudinal vector boson scattering in semileptonic final states at the HL-LHC, *Phys. Rev. D*, 2021, 104(9): 093002 (期刊论文)
- (5) ATLAS Collaboration; Evidence for Electroweak Production of  $W^\pm W^\pm jj$  in pp Collisions at  $\sqrt{s} = 8$  TeV with the ATLAS Detector, *Phys. Rev. Lett.*, 2014, 113(14): 141803 (期刊论文)

#### 二、论著之外的代表性研究成果和学术奖励:

- (1) **Lailin Xu**; Higgs studies on full Run2 differential measurements, Higgs Hunting 2019, 巴黎, 2019-7-29至2019-7-31 (会议报告)
- (2) **Lailin Xu**; The Inclusive four-lepton lineshape measurement from pp collisions at 8 TeV wi

th ATLAS, European Physical Society Conference on High Energy Physics (EPS-HEP) 2015, 维也纳, 2015-7-22至2015-7-29 (会议报告)

(3) **Lailin Xu**; Dark matter and unconventional searches at the LHC, 第七届中国LHC物理研讨会, 江苏南京, 2021-11-25至2021-11-28 (会议报告)

(4) **Lailin Xu**; Production of quarkonia states with the ATLAS detector, LaThuile2017, XXXI Rencontres de Physique de la Valle d'Aoste, La Thuile, 2017-3-5至2017-3-11 (会议报告)

(5) **Lailin Xu**; EFT Studies at ATLAS, Higgs and Effective Field Theory - HEFT 2021, 安徽合肥, 2021-4-14至2021-4-17 (会议报告)