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|  | **Hongping Jiang** |
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| C:\Users\zhang\AppData\Local\Temp\WeChat Files\288e1b947d9e165e77c2cb1063bd871.jpg | IJCLab Laboratoire de Physique des 2 Infinis Irene Joliot-Curie UMR 9012 CNRS/In2p3 Université Paris-Saclay,  Site Orsay Bâtiment 100 et 201 91898 Orsay Cedex |
| +33765261986  +8615210982898 |
| Jiang@ijclab.in2p3.fr |
| https://www.jianghp.com.cn |
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| Sex: Male | Date of birth 10/1986 | Nationality P. R. China |

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| Work Experience |  |

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| September/2021 - now | **Visiting Scholar**  **IJCLAB, IN2P3, CNRS**  **ORSAY，FRANCE** |
| **The implementation of mono-schemes to FCC-ee** |
| December/2017-now | **Research Assistant**  Space Environment Simulation and Research  Infrastructure,  Harbin Institute of Technology, Heilongjiang, China |
| * **Mainly work:** * **▪ In charge of HIT-SESRI 300MeV proton and heavy ion accelerator** * **▪ In charge of 10kW 10MeV electron accelerator** |

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| September/2014-  /December/2017 | **Post-doctoral scientist in Accelerator lab., Dep. Engineering Physics,**  **Tsinghua University, Beijing, China** |
| * **Mainly work:** * **▪ Design of couplers for RFQ and DTL in Xi’an Proton Facility** * **▪ Design of Debuncher Cavity in Xi’an Proton Facility** * **▪ Study of the CPHS DTL error analysis, Design of beamline** |

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| Education and Training |  |

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| September/2009 –July/2014 | Doctor of Engineering, Nuclear Technology and Applications  **University of Chinese Academy of Sciences**  Study in Accelerator Centre, **Institute of High Energy Physics(IHEP)**, CAS |
| September/2005 – July/2009 | Bachelor of Science, Applied Physics  College of Physics  **Jilin University** |

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| Personal Skills |  |



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| Scientific Softwares | * Master softwares includes: * **TraceWin, IMPaCT, RFQGen, PARMILA, LORASR, MADX, FLUKA,Geant4** * **EM field simulation：Superfish, CST, HFSS** * Other computer languages：Matlab, Python, R, C++, Java |

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| Other skills | * **The design of Linac and beam transport line** * The beam dynamic of RFQ and DTL * The design of RF Cavities and power couplers |

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| ADDITIONAL INFORMATION |  |

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| Publications  Patents  Conference Presentation | [1] Hong-Ping J, Shi-Nian F, Jun P, et al. Characterizing a proton beam with two different methods in beam halo experiments[J]. Chinese Physics C, 2014, 38(8): 087002. [2] Jun P, Tao H, Hua-Chang L, Hong-Ping J et al. Beam halo experiment at IHEP[J]. Chinese Physics C, 2013, 37(3): 037002. [3] Hongping Jiang, Shinian Fu, et al., Macroparticle simulation studies of a beam- core matching experiment, Proceedings of IPAC13, Shanghai, China May, 2013. [4] Hongping Jiang, Shinian Fu, et al., Studies of the low energy proton beam halo experiment, Proceedings of NA-PAC2013, Pasadena, 2013,October, CA USA [5] Hongping Jiang, Shinian Fu, et al., Beam Dynamics Analysis in the Beam Halo Experiments at IHEP, Proceedings of IPAC14, Dresden, Germany, June, 2014 [6]Hongping Jiang, et al., Measurements of Beam Halo by Wire Scanner Monitor, Proceedings of IBIC15, Melbourne, Australia, September, 2015 [7]Shuxin Zheng, Hongping Jiang et al., Design of the 230MeV proton accelerator for Xi’an Proton Application Facility, Proceedings of HB2016, Sweden, July, 2016 [8]Qingzi Xing, Hongping Jiang et al., Design of the 7MeV Linac Injector for the 200MeV Synchrotron of the Xi'an Proton Application Facility, Proceedings of HB2016, Sweden, July, 2016 [9]Qingzi Xing, Hongping Jiang et al., Present status of the high current linac at Tsinghua University and its application, Proceedings of HB2016, Sweden, July, 2016 [10]Wolong Liu, Hongping Jiang, et al., an Optimization Method of the Nose-Cone Buncher Cavity, Proceedings of IPAC18, Beijing, China, September, 2018 [11]Jiang, H., Chen, W., Zhang, T., Liu, J., Hao, H., Han, Z., ... & Zhang, J. (2019). SESRI 300 MeV Proton and Heavy Ion Accelerator. Journal of Physics: Conference Series, 2019  **[1]张健；蒋洪平；郝文旭；刘剑利；张韬；陈晚；郝焕锋；陈启明；韩正男；一种四杆型RFQ液压调谐系统级调谐杆锁死机构，2020-7-7，中国，ZL 2019 1 0599837.5.**  **[2]陈晚；郝焕锋；蒋洪平；刘剑利；张健；张韬；陈启明；韩正男；姚庆欢；李忠宇；李振宇；窦彦昕； 一种新型弧形斜边静电偏转板及粒子加速器斩波器，2020中国CN202010264501.6**  **[3]陈晚；郝焕锋；蒋洪平；刘剑利；张健；张韬；陈启明；韩正男；姚庆欢；李忠宇；李振宇；窦彦昕；一种高温超导无磁扼多离子变能量回旋加速器高频腔体，2020 中国CN202010264982.0**  **[4]陈晚；郝焕锋；蒋洪平；刘剑利；张健；张韬；陈启明；韩正男；姚庆欢；李忠宇；李振宇；窦彦昕；一种电流控制超宽带回旋加速器高频腔体,2020 中国 CN202010264504.X**  **NA-PAC13, Contributed oral presentation: Studies of the low energy proton beam halo experiment，Pasadena California USA**  **FCC Week 2022,** **The implementation of monochromatization to FCC-ee, Paris France**  **ee-FACT, The first optics design for a transverse monochromatic scheme for the direct s-channel Higgs production at FCC-ee collider, Roma, Italy** |