

Curriculum Vitae

Xiaomei Zhang (张晓梅)

Gender: **Female**

Marital Status: **Married**

Nationality: **China**

Date of Birth: **Oct. 12, 1979**

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Address: State Key Laboratory of High Field Laser Physics, Shanghai Institute of Optics and Fine Mechanics (SIOM), Chinese Academy of Sciences (CAS)

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Education and Experience

- **Associate Professor** SIOM, CAS Jul. 2010 – Present
- **Assistant Professor** SIOM, CAS Aug. 2008 – Jul. 2010
- **Doctor** **Optics** SIOM, CAS Sep. 2005 – Jul. 2008 Supervisor: Prof. Baifei Shen
- **Master** **Optics** SIOM, CAS Sep. 2002 – Jul. 2005 Supervisor: Prof. Baifei Shen
- **Bachelor** **Physics** Shandong Normal University, Shandong Province Sep. 1998 – Jul. 2002

Academic activities

- Fulfill seven projects from National Nature Science Foundation of China and Shanghai, etc.
- Acting as a key team member, organized the 5th Asia Summer School and Symposium on Laser Plasma Acceleration and Radiation.
- Serve as a reviewer of Physics of Plasmas, Chinese Optics Letters, etc.

Research Interests

- High quality ion (proton) generation and its related field
- Electron acceleration in wakefield regime and its radiation
- Energetic proton generation in bubble regime
- Ultra-short pulse generation and

Related Publications

- [1] **Xiaomei Zhang**, Baifei Shen, Lingang Zhang, *et. al.*, **New J. Phys.** **16** 123051(2014).
- [2] **Xiaomei Zhang**, Baifei Shen, Liangliang Ji, *et. al.*, **Phys. Plasmas**, **19**, 053103 (2012).
- [3] **Xiaomei Zhang**, Baifei Shen, Liangliang Ji, *et. al.*, **Phys. Plasmas**, **18**, 073101 (2011).
- [4] **Xiaomei Zhang**, Baifei Shen, Liangliang Ji, *et. al.*, **Phys. Plasmas**, **17**, 123102 (2010).
- [5] **Xiaomei Zhang**, Baifei Shen, Liangliang Ji, *et. al.*, **Phys. Plasmas**, **17**, 063107 (2010).
- [6] **Xiaomei Zhang**, Baifei Shen, Liangliang Ji, *et. al.*, **Phys. Rev. ST Accel. Beams**, **12**, 021301 (2009).
- [7] **Xiaomei Zhang**, Baifei Shen, Zhangying Jin, *et. al.*, **Phys. Plasmas**, **16**, 033102 (2009).
- [8] **Xiaomei Zhang**, Baifei Shen, Yu Cang, *et. al.*, **Phys. Lett. A**, **369**, 339 (2007).
- [9] **Xiaomei Zhang**, Baifei Shen, Xuemei Li, *et. al.*, **Phys. Plasmas**, **14**, 073101 (2007).
- [10] **Xiaomei Zhang**, Baifei Shen, M. Y. Yu, *et. al.*, **Phys. Plasmas**, **14**, 113108 (2007).
- [11] **Xiaomei Zhang**, Baifei Shen, Xuemei Li, *et. al.*, **Phys. Plasmas**, **14**, 123108 (2007).
- [12] **Xiaomei Zhang**, Baifei Shen, Zongbao Fang and M. Y. Yu, **J. Plasma Physics**, **72**, 635 (2006).
- [13] Yin Shi, Baifei Shen, Lingang Zhang, **Xiaomei Zhang**, *et. al.*, **Phys. Rev. Lett.** **112**, 235001 (2014).
- [14] L. L. Ji, B. F. Shen, **X. M. Zhang**, *et. al.*, **Phys. Rev. Lett.** **103**, 215005 (2009).
- [15] Liangliang Ji, Baifei Shen, **Xiaomei Zhang**, *et. al.*, **Phys. Rev. Lett.** **101**, 164802 (2008).
- [16] Baifei Shen, **Xiaomei Zhang**, Zhengming Sheng, *et. al.*, **Phys. Rev. ST Accel. Beams**, **12**, 121301 (2009).
- [17] Aihua Deng, Kazuhisa Nakajima, **Xiaomei Zhang**, *et. al.*, **Laser and Particle Beams**, DOI: <http://dx.doi.org/10.1017/S0263034612000079>, p. 1-9 (2012).
- [18] Kazuhisa Nakajima, Aihua Deng, **Xiaomei Zhang**, *et. al.*, **Phys. Rev. ST Accel. Beams**, **14**, 091301 (2011).

Awards & honors

- Excellent President Award, CAS, 2008
- The Excellent Graduate, CAS, 2008.
- The first class scholarship for excellent graduate student, SIOM, CAS, 2008.