

Jie Chen

Materials Science and Engineering Program
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Education

- **M.E.** Materials Engineering, University of Chinese Academy of Sciences, Beijing, China, 2015
- **B.S.** Materials Physics, Yunnan University, Kunming, China, 2012

Research Interests

- Synthesis and characterization of two-dimensional materials and semiconductor materials
- LED, semiconductor lasers, sensors
- Energy conversion and storage

Professional Experiences

- Research Assistant, Shanghai Institute of Ceramics, Chinese Academy of Sciences, Shanghai, China, 2013 – 2015;
- Internship on Dye-Sensitized Solar Cells (DSSC), Shanghai Institute of Ceramics, Shanghai, China, June 2015.

Conference Presentation (Oral)

- **Jie Chen**, Shaoming Dong, Xiangyu Zhang, “Brazing of C/SiC with Cu-Ti-Al-Nb Active Braze”, 5th International Congress on Ceramics, Beijing, China, August 17th-21st, 2014.

Article

- **Jie Chen**, Shaoming Dong, Xiangyu Zhang, Yanmei Kan, Qian Feng. “In Situ-Strengthened C/SiC Joint Brazed with Cu-based Active Filler and Its Performance”. International Journal of Applied Ceramic Technology. 2015, 12: E197-E207.

Patents

- Shaoming Dong, **Jie Chen**, Yanmei Kan, “A Method for Brazing C/SiC Composites”, Chinese patent, application number 2014101774777.
- Shaoming Dong, **Jie Chen**, Yanmei Kan, “A Braze Filler for Brazing SiC Matrix Composites”, Chinese patent, application number 2014101774809.

Hobbies

- Reading, Walking, Fishing, Table tennis, Cooking