

Yang Du

Ph.D. Student

Materials Science and Engineering

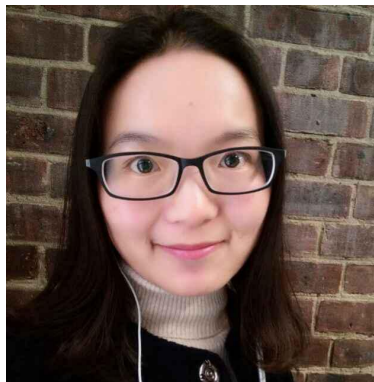
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Research Interests

- ※ Aluminum alloy friction stir welding
- ※ Numerical simulation of welding process
- ※ Mechanical properties and microstructure

Academic Background

- ☆ Materials Science and Engineering, Penn State University, 2017.9-Present, Visiting Student, Advised by Professor T. DebRoy
- ☆ Materials Science and Engineering, Tianjin University, China, 2013.9-Present, Master and Ph.D. Student, Advised by Professor Huan Li

Publications

- * Yang Du, Huan Li, Lijun Yang, Chuanguang Luo. Accurate measurement of residual stresses of 2219-T87 aluminum alloy friction stir welding joints based on properties of joints. *Journal of Mechanical Science and Technology*. (Accepted)
- * Du Yang, Li Huan, Wei Huiliang, Xue Kuan. Stability evaluation of laser-pulsed MIG hybrid welding process based on MATLAB, *Transactions of the China Welding Institution*. 2017, 38(4): 81-85.
- * Du Yang, Li Huan, Luo Chuanguang. The distribution characteristics of residual stress of 2219 aluminum alloy in FSW, *Transactions of the China Welding Institution*. 2017, 38(9): 14-18.