


Brief CV

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|---|--|----------------------------|-----------|---|
| Name | Xiaopeng Liang | 中文名 | 梁霄鹏 |  |
| Gender | Male | Title (Pro./Dr.) | Dr. | |
| Position (President...) | College Faculty | Country | P.R.China | |
| University/ Department | Central South University / School of Materials Science and Engineering | | | |
| Personal Website | http://mse.csu.edu.cn/bk/?id=liangxiaopeng | | | |
| Research Area | Plastic deformation behavior and microstructure Characterization of TiAl intermetallic and Aluminum alloy and magnesium alloy | | | |
| Brief introduction of your research experience: | | | | |
| 2015.01-today | associate professor, School of Material Science and Engineering, Central South University Research area: Plastic deformation behavior and microstructure Characterization of TiAl intermetallic and Aluminum alloy and magnesium alloy | | | |
| 2011.9-2014.12 | PhD of Materials Science, State Key Laboratory of Powder Metallurgy, Central South University Research area: Investigation on rolling process, microstructure and mechanical properties of powder metallurgical TiAl alloy sheet | | | |
| 2007.9-2009.12 | Master of Material Processing Engineering, School of Material Science and Engineering, Central South University. Research area: Microstructure development of 2519-T87/FSW aluminum alloy obliquely impacted at high-velocity | | | |
| 2002.9-2006.07 | Bachelor of Metallic Material Engineering, School of Material Science and Engineering, Central South University. Research area: Effects of Fe and Si on microstructures and mechanical properties of Al-Cu alloy | | | |
| Project Experiences | | | | |
| 1. Fabricate of γ -TiAl alloy based sheet and research of hot deformation mechanism Main work: hot rolling and microstructure analysis | | | | |
| 2. Study of deformation and die forging thermomechanical treatment mechanism for large aircraft wheel aluminum alloy Main work: die forging, analysis of microstructure and deformation mechanism | | | | |
| 3. Fabricate of large-size of magnesium alloy Main work: free forging and die forging of AZ80 magnesium alloy | | | | |
| 4. Co-operation with some company, such as: Kunshan Giant Light Metal Technology Co.,Ltd. (fracture analysis of 7005 and 7003 Al alloy during welding, developed a new Al-Mg alloy). Changsha Lianli Industrial Co.,Ltd.(Fracture analysis of mild steel used for drive wheel during Quenching and tempering heat treatment process) | | | | |

*****All the columns need to be filled in.