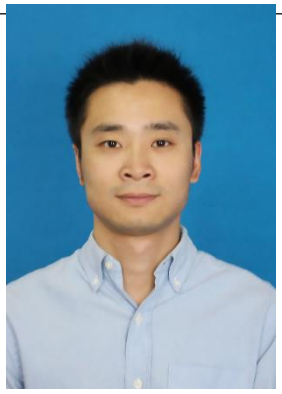
师资队伍/个人信息

<table>
<tr><td>姓　名</td><td>王兴盛</td><td>性别</td><td>男</td><td rowspan="4">  </td></tr>
<tr><td>职　称</td><td>讲师</td><td>系别</td><td>机械系</td></tr>
<tr><td>学　位</td><td>博士/硕导</td><td>电话</td><td>13814176285</td></tr>
<tr><td>E-mail</td><td colspan="3">xingshengwang@njau.edu.cn</td></tr>
<tr><td>单位地址</td><td colspan="2">南京市浦口区点将台路 40 号</td><td>邮编</td><td>210031</td></tr>
<tr><td>研究领域</td><td colspan="4">激光微细加工、精密工程、表面工程、机电一体化</td></tr>
<tr><td>社会兼职</td><td colspan="4"></td></tr>
<tr><td>承担项目</td><td colspan="4">1. 江苏省自然科学基金青年基金项目：基于皮秒激光的医学用针表面微纳复合结构直写加工技术研究（BK20150685），2015.07-2018.06，主持。
2. 中央高校基本科研业务费：液体介质中磁控激光诱导等离子微加工研究(KYZ201659)，2016.01-2018.12，主持。
3. 南京农业大学工学院优秀青年人才科技基金：磁控激光诱导液体等离子微加工研究（YQ201604），2016.07-2019.06，主持。</td></tr>
<tr><td>学术成果</td><td colspan="4">近期主要论文：
1.Xingsheng Wang, Peidong Han, Marco Giovannini, Kornel Ehmann. Modeling of machined depth in laser surface texturing of medical needles. Precision Engineering, In Press, 2016.
2.Xingsheng Wang, Peidong Han, Min Kang, Kornel Ehmann. Surface-blended texturing of medical needles for friction reduction using a picosecond laser. Applied Physics A: Materials Science & Processing, 2016, 122:286.
3.Youqiang Xing, Jianxin Deng, Xingsheng Wang, Kornel Ehmann. Experimental assessment of laser textured cutting tools in dry cutting of aluminum alloys. ASME- Journal of Manufacturing Science and Engineering, 2016, 138(7):071006 .
4.Xingsheng Wang, Marco Giovannini, Youqiang Xing, Min Kang, Kornel Ehmann. Fabrication and tribological behaviors of corner-cube-like dimple arrays produced by laser surface texturing on medical needles. Tribology International, 2015, 92:553-558.
5.Xingsheng Wang, Youqiang Xing, Marco Giovannini. Effect of overlap and overscan number in laser surface texturing of medical needles. Applied Physics A: Materials Science & Processing, 2015, 120(1):229-238.</td></tr>
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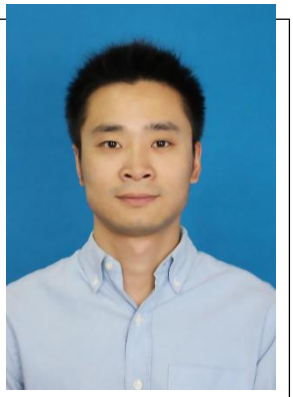
	6.**Xingsheng Wang**, Xiuqing Fu, Chunlin Li, Min Kang. Tool path generation for slow tool servo turning of complex optical surfaces. The International Journal of Advanced Manufacturing Technology, 2015, 79(1-4):437-448. 7.Youqiang Xing, Jianxin Deng, **Xingsheng Wang**, Rong Meng. Effect of laser surface textures combined with multi-solid lubricant coatings on the tribological properties of Al_2O_3/TiC ceramic. Wear, 2015, 342-343:1-12. 8.Youqiang Xing, Jianxin Deng, Kedong Zhang, **Xingsheng Wang**, Yunsong Lian, Yonghui Zhou. Fabrication and dry cutting performance of Si_3N_4/TiC ceramic tools reinforced with the PVD WS_2/Zr soft-coatings. Ceramic International, 2015, 41(8):10261-10271. 9.Marco Giovannini, Newell Moser, **Xingsheng Wang**, Kornel Ehmann. Computational and experimental study of vibrational motions on tissue cutting for solid biopsy needles. Proceedings of the ASME 2015 International Manufacturing Science and Engineering Conference MSEC 2015, 08/6-12/6, 2015. 10.**王兴盛**, 康敏, 傅秀清, 李春林. 医学用针表面激光微织构加工深度试验研究. 第四届激光先进制造技术应用研讨会, 17/4-19/4, 2015. 11.**王兴盛**, 雷鹰, 康敏. 基于MATLAB的镜片加工程序生成研究. 现代制造工程, 2014, 07: 38-41. 12.**Xingsheng Wang**, Min Kang, Xiuqing Fu, Li Chunlin. Predictive modeling of surface roughness in lenses precision turning using regression and support vector machines. International Journal of Advanced Manufacturing Technology, 2013, DOI 10.1007/s00170-013-5231-3. 13.**王兴盛**, 康敏, 傅秀清, 李春林. 镜片精密车削表面粗糙度预测. 机械工程学报, 2013, 49(15): 191-197. 14.**王兴盛**, 康敏. 基于 Hermite 插值的复杂光学曲面车削加工路径规划. 机械工程学报, 2012, 48(11): 191-198. 授权专利： 1.**王兴盛**, 康敏, 傅秀清, 杨勇, 鲜洁宇. 一种表面具有微反射器结构的医学用针. 中国专利, ZL201520350686.7, 2015.
奖励荣誉	1. 2015 年 11 月　钟山学术新秀培育计划 南京农业大学工学院

Teaching staff/ Personal information

<table>
<tr><td>Name</td><td>Xingsheng Wang</td><td>Gender</td><td>Male</td><td rowspan="4">  </td></tr>
<tr><td>Title</td><td>Lecturer</td><td>Department</td><td>Mechanical Engineering</td></tr>
<tr><td>Degree</td><td>Ph.D.</td><td>Telephone</td><td>（86）13814176285</td></tr>
<tr><td>E-mail</td><td colspan="3">xingshengwang@njau.edu.cn</td></tr>
<tr><td>Unit address</td><td colspan="2">40 Dianjiangtai Road, Pukou District, Nanjing, Jiangsu</td><td>Post code</td><td>210031</td></tr>
<tr><td>Research field</td><td colspan="4">Laser Micro Machining, Precision Engineering, Surface Engineering, Mechatronics</td></tr>
<tr><td>Social appointments</td><td colspan="4"></td></tr>
<tr><td>Research projects</td><td colspan="4">1. Natural Science Foundation of Jiangsu Province, Fabrication and performance characterization of micro/nano hierarchical structures on medical needles by direct laser writing (BK20150685), 2015.07-2018.06.
2. Fundamental Research Funds for the Central Universities, Magnetic assisted aser induced liquid plasma micro machining (KYZ201659), 2016.01-2018.12.
3. Foundation for Distinguished Young Talents, College of Engineering, Nanjing Agricultural University, Research on magnetic control laser induced plasma micro machining (YQ201604), 2016.07-2019.06.</td></tr>
<tr><td>Academic achievements</td><td colspan="4">Papers：
1.Xingsheng Wang, Peidong Han, Marco Giovannini, Kornel Ehmann. Modeling of machined depth in laser surface texturing of medical needles. Precision Engineering, In Press, 2016.
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Reward & honor	