

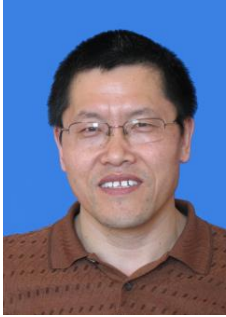
程树森，1964年10月出生，冶金与生态工程学院教授。1983年获内蒙古师范大学学士学位，1988年获内蒙古大学硕士学位，1996年获东北大学博士学位，师从肖泽强教授及贺友多教授。1998年在北京科技大学钢铁冶金专业完成博士后工作出站，师从杨天钧教授，并留校工作至今。从事高炉长寿及布料技术研究、钢的洁净度控制及冶金过程可视化研究，参加或主持了多项国家及厂协项目。获国家科技进步二等奖一项，国家教学二等奖一项，省部级一等奖六项，发明专利二十余项，并多次获学校教学成果优秀奖及“我爱我师-我心中最优秀教师”称号。

【在研科研项目】

1. 国家自然科学基金重点资助项目，面向指标优化的高炉布料过程建模与控制（61333002），2014/1-2018/12
2. 国家自然科学基金面上项目，高炉燃烧带温度场重建及炉缸工作均匀性评价系统（61271303），2013/01-2016/12
3. 厂协项目，首钢京唐高炉上、下部调节的协同性研究，2014/11-2015/12

【代表性学术论文】

1. Guo J, Cheng Shusen and Zhao H. A mechanism model for raceway formation and variation in a blast furnace, *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, 2013, 44(3): 487-494
2. Teng Zhaojie, Cheng Shusen and Du Pengyu. Mathematical Model of Burden Distribution for Bell-Less Top of a Blast Furnace, *International Journal of Minerals. Metallurgy and Materials*, 2013, 20(7): 620-626
3. Guo J, Cheng Shusen and Cheng Z. Thermodynamics for precipitation of CaS bearing inclusion and their deformation during rolling process for Al-killed Ca-treated steel. *Steel Research International*, 2013, 84(6): 545-553



Shusen Cheng, the professor of School of Metallurgical and Ecological Engineering, received his Ph.D. in metallurgy of iron and steel from Northeastern University in 1996. His recent research interest is comprehensive technology for long campaign and high efficiency of blast furnace, cleanliness controlling of steel, optimization of metallurgical process and visualization research on metallurgical process.

【Publications】

1. Guo J, Cheng Shusen and Zhao H. A mechanism model for raceway formation and variation in a blast furnace, *Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science*, 2013, 44(3): 487-494
2. Teng Zhaojie, Cheng Shusen and Du Pengyu. Mathematical Model of Burden Distribution for Bell-Less Top of a Blast Furnace, *International Journal of Minerals. Metallurgy and Materials*, 2013, 20(7): 620-626
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