Research Programs

SSM Related Publications (2002-Present)

2009


2007


2006


2005
• D. Saha, S. Shankar, M. Makhlouf and D. Apelian, "Casting of Aluminum Alloys with a Globular Primary Phase Using Controlled Diffusion Solidification", submitted to Met and Mat Trans A.
• D. Saha, and D. Apelian, "On the Dissolution of Al in Al-25% Si and Al-7% Si Alloys", submitted to Met and Mat Trans B.

2004

• Deepak Saha, Diran Apelian, and Rathindra Dasgupta, "Inoculants for the Control of Primary Si Size and Distribution in Hypereutectic Alloys", Paper # 8-1 in the Proceedings of the Eighth


2003


• Deepak Saha, Rathindra Dasgupta, and Diran Apelian, "SSM Processing of Al-Si Alloys Utilizing the Concept of Diffusion Solidification", in the Proceedings of the NADCA Congress, September 15-17, 2003.


2002


