

**Refractory Ceramics Division
Alfred W. Allen Award**

This biennial award was established to honor Alfred W. Allen's legacy as an educator, technical contributor and supporter of the Refractory Ceramics Division. The award committee shall select as the biennial award recipient, from the technical literature of the last two years, the author(s) of the technical paper on refractory ceramics which reflects the highest level of technical quality.

Year	Author(s)	Paper
2008	Chang Min Chun, Narasimha-Rao V. Bangaru, Neeraj Thirumalai, John R. Peterson, Christopher J. Fowler and Robert L. Antram	"Erosion-Corrosion-Resistant Titanium Diboride Cermets for High-Temperature Process Applications," International Journal of Applied Ceramic Technology, Volume 5, Issue 6, pp. 597-609, November 2008
2006	Y.A. Marques, R.G. Pileggi, F.A.O. Valenzuela, M.A.L. Braulio and V.C. Pandolfelli	"Setting Additives Influence on the Thermomechanical Properties of Wet Shotcrete Refractory Castable Matrices," Ceramic Bulletin, pp. 9201-9206, 2005
2004	S. Ramachandran, K.D. Peaslee, and J.D. Smith	"Thermochemistry of Steel-Refractory Interactions in Continuous Casting Nozzles," Iron and Steelmaker, 11 (2003) pp.55-63
2002	Michel Rigaud, Stefan Palco, and Ningsheng Zhou	"Alumina and Magnesia-Based Castables Containing Graphite: Comparison"
2000	A.A. Weresczak, T.P. Kirkland, and W.F. Curtis	"Creep of CaO/SiO ₂ -containing MgO Refractories," J. Mater. Sci., 34 (1999) pp. 215-227
1998	Gord Cuthbert, Reg White, Brian Martin, Chris Doyle, Juan Hrepic and Carlos Diaz	"The Effect of Slag Composition Control on the Performance of Magnesite-Chrome Refractory Linings in Top Blown Rotary Converters," pp.381-392, Advances in Refractories for the Metallurgical Industries II, Canadian Institute Mining, Metals, Petr., 8/96 Montreal.
1996	K.N. Singh, C.R. Beechan, T.J. Russo, W.S. Howanski and B. Brezny	"Reducing Thermally Induced Stresses in BOF Linings," pp. 491-498, 1995 Steelmaking Conference Proceedings
1994	J. Tu, R.B. Fortuna, and S.C. Su	"Microstructure, Phase Composition and Properties of an Olivine Based Castable," pp. 506-516, UNITECR '93
1992	Claude Allaire, Michel Rigaud, and Serge Dallaire	"Basic Phosphate-Bonded Castables from Dolomitic-Magnesite Clinkers," Journal of the American Ceramic Society, 72 (9) 1698-1703 (1989)
1988	Phil L. Smith, James E. White, and Philip G. Whiteley	"Ultra High Alumina or Silicon Carbide Refractories for Critical Areas in Blast Furnace Linings," The Technical Association of Refractories, Japan, pp. 101-117
1987	Gary D. Morrow and Robert O. Russell	"Thermal Modeling in Melt Shop Applications, Theory and Practice," American Ceramic Society Bulletin, 64 (7) 1008-12, (1985)
1986	Brian Rand and O. Serdar Ozgen	"Kinetics of Oxidation of the Graphite Phase in Alumina/Graphite Materials," Brit Ceram Trans J, Vol. 84, No. 2, pp. 70-76, 1985.
1985	Wate T. Bakker, Ulrich Gerhardus, Sherman Greenberg and Meinholf Trondt	"Refractory Practice in Slagging Gasifiers," Ceram. Bull., pp. 870-6, July 1984.
1984	Robert O. Russell and Gary D. Morrow	"Characteristics of Refractories Used in Teeming Ladles," Iron & Steelmaker, July 1983.
1983	John Sweeney and Mark Cross	"Analyzing the Stress Response of Commercial Refractory Structures in Service at High Temperature: A Simple Model of Viscoelastic Stress Response" and "II. A Thermal Stress Model for Refractory Structures," Trans. J. Brit. Ceram. Soc., Vol. 81, No. 1, pp. 25-28 and No. 2, pp. 47-52, 1982.
1982	Ranjit K. Ghose and James E. White	"Constitutional Factors Affecting the Relationship Between CaO/SiO ₂ Ratio and Hot Strength in Magnesia-Based Refractories," Trans. J. Brit Ceram. Soc., Vol. 79, pp. 146-53, 1980.
1981	Robert H. Herron and Kenneth A. Baab	"Silicon Carbide Brick for Blast Furnaces," Iron and Steelmaker, 7 (4) 39-44, (1980)
1980	John H. Ainsworth and John A. Kaniuk	"Creep of Refractories in High Temperature Blast Furnace Stoves," Ceramic Bulletin, July 1978