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105. CFD Based Assessment of Heat Balance Impacts of Wall Cleaning, Combustion Modifications, and Surface Modifications in Coal-Fired Boilers
Marc Cremer and Andrew Chiodo, Reaction Engineering International, ***USA*****……χφω**

107. **Numerical Modeling of a Gasification of Carbon Particles Heated by Joule Heating Effect**
P. Kumar Sahu, O. Ajuwon, P. Nikrityuk, and R. Gupta, Dep. Chemical and Materials Engineering, University of Alberta, ***CANADA*** ..... χχπ

110. Technology to Mitigate Syngas Cooler Plugging and Fouling
Michael Bockelie, Reaction Engineering International, ***USA*** ..... χχω