

**IST 039**  
**Computer Modeling of Electrolytic Cells and Statistical Analysis Software**

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**Abstract**

The collaboration between the Air Products and Chemicals, Inc. (Trexlertown, PA) design team and the faculty and researchers of the Chemical Engineering Department at Lehigh University will allow APCI to gain a deeper understanding of the internal processes inside an electrolytic cell and to optimize the cell by improving its production efficiency and reducing its energy needs.