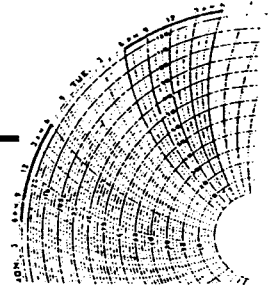




ISA—The Instrumentation, Systems,  
and Automation Society

ORANGE COUNTY SECTION  
www.isa.org/~oranc/



# CHART

September 2002

## Fail-safe &

## Fault-tolerant Systems

By Tim Parmer, Siemens

### Presentation:

The discussion will focus on fail-safe and fault-tolerant systems, which increases plant safety and drastically reduces the risk of undesirable production downtime. Due to the cost and safety benefits it has to offer, fail-safe and fault-tolerant systems are becoming extremely important and desirable in modern plant design. ISA S 84.01 safety standards will also be highlighted.

### Speaker:

Tim Parmer is the United States Product Marketing Manager for redundant controllers, safety controllers and the S7-400 high end controllers for Siemens Energy and Automation. He has 22 years of experience in automation technology beginning with systems engineering, software development, and system integration, followed by PLC Product Marketing Management since 1989. He holds a B.S. in Electrical Engineering having graduated from Southern Polytechnic University in 1980. As a PLC Marketing Manager, Tim has been involved in Safety PLC promotion since the release of the Failsafe PLC in 1994. Tim is a member in the ISA S 84.01 safety standards committee.

### Sponsors:

- Birmingham Controls
- CCI

### Meeting Notes:

Check out our web site:

[www.isa.org/~oranc/](http://www.isa.org/~oranc/)

Date: **Wednesday, September 11, 2002**

Place: **Park Place CN-150 (37-150),  
3353 Michelson Dr., Irvine, CA 92612**

Time: **Social hour 5:00 p.m.  Technical Program 5:45 p.m.**

### Mark your calendar

#### October Presentation:

"Fiber Optics and Optical Networking"  
By Damon Semprebon, Puroptix Optics

#### December 7:

#### Christmas Dinner and Awards Ceremony

The Petroleum Club in Long Beach

Tickets: \$38.00/person

Table of 8: \$250.00

Table of 9: \$280

Table of 10: \$310.00

**Please contact**

**Bis Mitra at**

**(949) 349-3270**

**e-mail:**

**bls.mitra@fluor.com**